MX Component Version 3

Programming Manual

MITSUBISHI





MELSOFT Integrated FA Software

SW3D5C-ACT-E

• SAFETY PRECAUTIONS •

(Always read these instructions before using this equipment.)

Before using this product, please read this manual and the relevant manuals introduced in this manual carefully and pay full attention to safety to handle the product correctly.

The instructions given in this manual are concerned with this product. For the safety instructions of the programmable controller system, please read the CPU module user's manual.

In this manual, the safety instructions are ranked as " MARNING " and " CAUTION".

Note that the \triangle CAUTION level may lead to a serious consequence according to the circumstances. Always follow the instructions of both levels because they are important to personal safety.

Please save this manual to make it accessible when required and always forward it to the end user.

[Design Instructions]

• When performing data changes or status control from the personal computer to the running CPU module, configure up an interlock circuit outside the CPU module system to ensure that the whole system will operate safely.

In addition, predetermine corrective actions for the system so that you can take measures against any communication error caused by a cable connection fault or the like in online operations performed from the peripheral device to the CPU module.

• Read the manual carefully before performing the online operations (especially forced output and operating status change) which will be executed with the personal computer connected to the running CPU module.

Not doing so can damage the machine or cause an accident due to incorrect operation.

• CONDITIONS OF USE FOR THE PRODUCT •

(1) Mitsubishi programmable controller ("the PRODUCT") shall be used in conditions;
 i) where any problem, fault or failure occurring in the PRODUCT, if any, shall not lead to any major or serious accident; and

ii) where the backup and fail-safe function are systematically or automatically provided outside of the PRODUCT for the case of any problem, fault or failure occurring in the PRODUCT.

(2) The PRODUCT has been designed and manufactured for the purpose of being used in general industries.

MITSUBISHI SHALL HAVE NO RESPONSIBILITY OR LIABILITY (INCLUDING, BUT NOT LIMITED TO ANY AND ALL RESPONSIBILITY OR LIABILITY BASED ON CONTRACT, WARRANTY, TORT, PRODUCT LIABILITY) FOR ANY INJURY OR DEATH TO PERSONS OR LOSS OR DAMAGE TO PROPERTY CAUSED BY the PRODUCT THAT ARE OPERATED OR USED IN APPLICATION NOT INTENDED OR EXCLUDED BY INSTRUCTIONS, PRECAUTIONS, OR WARNING CONTAINED IN MITSUBISHI'S USER, INSTRUCTION AND/OR SAFETY MANUALS, TECHNICAL BULLETINS AND GUIDELINES FOR the PRODUCT.

("Prohibited Application")

Prohibited Applications include, but not limited to, the use of the PRODUCT in;

- Nuclear Power Plants and any other power plants operated by Power companies, and/or any other cases in which the public could be affected if any problem or fault occurs in the PRODUCT.
- Railway companies or Public service purposes, and/or any other cases in which establishment of a special quality assurance system is required by the Purchaser or End User.
- Aircraft or Aerospace, Medical applications, Train equipment, transport equipment such as Elevator and Escalator, Incineration and Fuel devices, Vehicles, Manned transportation, Equipment for Recreation and Amusement, and Safety devices, handling of Nuclear or Hazardous Materials or Chemicals, Mining and Drilling, and/or other applications where there is a significant risk of injury to the public or property.

Notwithstanding the above, restrictions Mitsubishi may in its sole discretion, authorize use of the PRODUCT in one or more of the Prohibited Applications, provided that the usage of the PRODUCT is limited only for the specific applications agreed to by Mitsubishi and provided further that no special quality assurance or fail-safe, redundant or other safety features which exceed the general specifications of the PRODUCTs are required. For details, please contact the Mitsubishi representative in your region.

REVISIONS

* The manual number is given on the bottom left of the back cover.

Print Date	* Manual Number	Revision
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		Section 4.1, Section 4.2, Chapter 5, Section 6.1
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		Section 3.3.3, Section 3.3.22, Section 3.3.23, Section 4.2.9,
		Section 4.2.10, Section 4.2.11, Section 4.2.12, Section 4.2.13,
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		Appendix 3.2, Appendix 3.3
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		Section 1.2.1, Section 2.3, Section 3.1, Section 3.2, Section 3.3.1,
		Section 4.2.9 to 4.2.14, Section 6.1, Appendix 3
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		GENERIC TERMS AND ABBREVIATIONS, Section 1.1, Section 1.2.1,
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		Section 3.3.20 Section 3.3.21 Section 3.3.27 Section 3.3.28
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Japanese Manual Version SH-080275-N

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OPERATING INSTRUCTIONS

This section gives explanation of instructions in the following order.

- 1) Instructions for used OS and personal computer
- 2) Instructions for installation and uninstallation
- 3) Programmable controller CPU-related instructions
- 4) Instructions for use of other MELSOFT products
- 5) Instructions for use of Ethernet modules
- 6) Instructions for use of CC-Link modules
- 7) Instructions for use of MELSECNET(II), MELSECNET/10 and MELSECNET/H
- 8) Instructions for use of computer link and serial communication modules
- 9) Instructions for modem communication
- 10) Instructions for programming
- 11) Instructions for use of Microsoft[®] Excel
- 12) Instructions for use of Microsoft® Access
- 13) Instructions for use of VBScript and ASP function

Instructions for used OS and personal computer

(1) When using Microsoft[®] Windows NT[®] Workstation Operating System Version 4.0, Microsoft[®] Windows[®] 2000 Professional Operating System, Windows[®] XP Windows Vista[®] or Windows[®] 7

Note that the following restrictions apply when a user without Administrator's authority operates MX Component.

- (a) Communication Setup Utility
 - The logical station number cannot be created, changed or deleted.
 - Target settings cannot be imported.
 - This utility cannot be started up if the communication settings have been made using MX Component earlier than Version 3.00A. *1
- (b) PLC Monitor Utility
 - This utility cannot be started up if the communication settings have been made using MX Component earlier than Version 3.00A. *1
 - Device registration cannot be performed on <<Entry Device>> tab.
- (c) Communication board
 - Various settings cannot be made on the CC-Link IE Controller Network, MELSECNET/H, MELSECNET/10, MELSECNET(II), CC-Link, AF and CPU board utilities.
- *1: If the following error message appears, start up and close the utility as a user with Administrator's authority, once. This operation enables a user without Administrator's authority to start up the utility.

PLC Moni	
	Reading the system information data failed. There is a possibility that the operating environment of the application is corrupt. Re-install the application and try again.
	ОК

- (2) About Ethernet communication, computer link communication and CPU COM communication on Microsoft[®] Windows[®] 95 Operating System
 - (a) Making Ethernet communication using TCP/IP and UDP/IP on Windows[®] 95 of the version older than OSR2 will cause a memory leak. When performing continuous operation on Windows[®] 95, use Windows[®] 95 OSR2 or later.

- (b) On Windows[®] 95, communication using the COM port, e.g. computer link communication or CPU COM communication, will cause a memory leak. Therefore, do not perform continuous operation.
- (3) Precautions for use of Microsoft[®] Windows[®] Millennium Edition Operating System It is not recommended to use MX Component with the "system restoring function" made invalid by the operating system. If the free space of the system drive becomes less than 200MB, the "system restoring function" is made invalid by the operating system. When using Windows[®] Me, reserve a 200MB or more free space for the system drive.
- (4) About the resume and other functions of personal computer A communications error may occur if communications are made with the programmable controller CPU after setting the resume function, suspend setting, power-saving function and/or standby mode of the personal computer. Therefore, do not set the above functions when making communications with the programmable controller CPU.
- (5) Restrictions by DEP (Data Execution Prevention) Note that restrictions by DEP may apply when using Microsoft[®] Windows[®] XP Service Pack2 or later, Microsoft[®] Windows Vista[®] or Windows[®] 7. For restrictions by DEP, refer to the following manual. MX Component Version 3 Operating Manual

Instructions for installation and uninstallation

- (1) About installation
 - (a) When performing overwrite installation, install the software in the folder where it had already been installed.
 - (b) If you install the MELSEC board driver or GX Developer into the personal computer where MX Component has already been installed, communication using a specific path (e.g. ASCII packet of the AJ71E71) may result in a receive, device number or other error. If any of these phenomena has occurred, perform overwrite installation of MX Component again.
- (2) Precautions for performing installation and uninstallation on a dual boot machine where two different operating systems are installed in a single IBM-PC/AT compatible personal computer

On a dual boot machine having Windows NT[®] Workstation 4.0 (hereafter referred to as OS1) and Windows[®] 95 or Windows[®] 98 (hereafter referred to as OS2), note the following points when MX Component was installed on OS1 first and MX Component was then installed over the same folder on OS2.

- (a) If MX Component is uninstalled first on the OS2 side, uninstallation does not delete the control DLLs and ACT folders, and they remain within the IBM-PC/AT compatible.
 To delete the control DLLs and ACT folders, perform uninstallation also on the OS1 side.
 (b) If MX Component is uninstalled first on the OS1 side, the control DLLs and first on the OS1 side.
- (b) If MX Component is uninstalled first on the OS1 side, the control DLLs and ACT folders are deleted.
 In this case, MX Component may not operate properly or cannot be uninstalled on the OS2 side.
 Install MX Component again on the OS2 side to operate MX Component properly or uninstall it on the OS2 side.

(3) About start menu

When you have uninstalled MX Component, the item may remain in the start menu.

In that case, restart the IBM-PC/AT compatible personal computer.

Programmable controller CPU-related instructions

(1) About transmission speed

As the transmission speed of the QCPU(Q mode), LCPU and QCPU(A mode), you can set 9600bps, 19200bps, 38400bps, 57600bps or 11520bps. For the QnACPU of version 9707B or later, you can set the transmission speed of 9600bps, 19200bps or 38400bps. For the QnACPU of other versions, you can set 9600bps or 19200bps.

The transmission speeds of the ACPU (except A2USHCPU-S1), FXCPU and motion controller CPU are fixed to 9600bps. (The A2USHCPU-S1 may be set to 19200bps.)

(2) Precautions for USB communication

Frequently disconnecting/reconnecting the USB cable or resetting or powering ON/OFF the programmable controller CPU during communications with the programmable controller CPU may cause a communications error which cannot be recovered.

If it is not recovered, completely disconnect the USB cable once and then reconnect it after 5 or more seconds have elapsed. (If this error occurs at the initial communication after the above operation, the function will be performed properly in and after the second communications.)

- (3) About clock data of the programmable controller CPU
 - (a) For the ACPU (including the motion controller CPU), clock data setting may be made only when the programmable controller CPU is in the STOP status. For the QCPU (Q mode), LCPU, QCPU (A mode), QnACPU and FXCPU, clock data setting may be made if the programmable controller CPU is in the RUN status.
 - (b) For the A0J2HCPU, A2CCPU and A2CJCPU, setting cannot be made as they do not have the clock function.
 - (c) For the ACPU, setting can be made independently of whether the clock setting special relay "M9028" is ON or OFF. (Note that the special relay "M9028" turns OFF after execution.)
 For the QCPU (Q mode), LCPU, QCPU (A mode) and QnACPU, setting can be made independently of whether the clock setting device "SM1028" is ON or OFF.
 - (d) Among the FXCPUs, setting may be made for only the FX1N (clock built-in), FX1NC (clock built-in), FX1s (clock built-in), FX2N (clock built-in), FX2NC (when RTC cassette is fitted), FXU (when RTC cassette is fitted) and FX2C (when RTC cassette is fitted). FX3G (clock built-in).
 - (e) Note that an error for transfer time will be produced in clock setting.
- (4) Precautions for use of Q4ARCPU The redundant function cannot be used.

- (5) Restrictions on use of the FXCPU
 - (a) When the FXCPU is used, access to the TN devices (timer present values) or CN devices (counter present values) is not permitted if the device numbers specified are split across 199 or earlier and 200 or later.
 - (b) As the FXCPU does not have a PAUSE switch as the programmable controller CPU, an error is returned if remote pause is specified in SetCpuStatus.
 - (c) Note that specifying the first I/O number of a non-existing module and executing the WriteBuffer() method will not return an error.
 - (d) For the index registers (Z, V) of the FXCPU, data cannot be written to 2 or more consecutive points using WriteDeviceBlock(). (Data may be written to only one point.)
- (6) Serial communication function of Q00UJ/Q00/Q00U/Q01/Q01U/Q02U/CPU*1 *1: In this paragraph, "serial communication function compatible CPU" indicates Q00UJ/Q00/Q00U/Q01/Q01U/Q02UCPU.

When the following conditions are all satisfied, communication between the personal computer and the serial communication function compatible CPU is made at 9600bps speed.

- The serial communication function of the connected CPU is valid. 1)
- The personal computer side transmission speed setting differs from the 2) serial communication function compatible CPU side transmission speed setting.

To increase the communication speed, match the personal computer side transmission speed with the serial communication function compatible CPU side transmission speed.

- (7) Precautions for use of Built-in Ethernet port QCPU If you reset the programmable controller CPU during TCP/IP connection setting (during opening) using MX Component, a communication or receive error will occur at the time of communication after that. In that case, close the application that uses MX Component and then perform open processing again.
- (8) Precautions for use of QSCPU In order to protect the safety programmable controller system, functions writing to buffer memory, writing and setting devices and writing clock data cannot be executed.

Instructions for use of other MELSOFT products

- (1) About simultaneous use of MX Component and GX Developer When using GX Developer and MX Component together for the same E71 module to make Ethernet communication, make the following settings.
 - (a) Set the protocol of the communication setting wizard screen to "UDP/IP".
 - (b) Set "SW2" of the communications setting switches of the E71 module to OFF (binary).
- (2) Precautions for GX Simulator communication Before executing the monitor utility, communication setting utility or user program, make sure that GX Simulator and GX Developer are operating. In addition, do not terminate the GX Simulator and GX Developer while the user program is running.

If you do so, you will not be able to terminate the user program normally.

Instructions for use of Ethernet modules

- (1) Resetting programmable controller CPU during TCP/IP connection setting If you reset the programmable controller CPU during TCP/IP connection setting (during opening) using MX Component, a communication or receive error will occur at the time of communication after that. In that case, close the application that uses MX Component and then perform open processing again.
- (2) About target existence check starting interval*1 of Ethernet module If close processing (Close) is executed from the IBM-PC/AT compatible, the Ethernet module may not perform close processing (Close). One of its causes is the open cable.

If open processing (Open) is executed from the IBM-PC/AT compatible with the Ethernet module not performing close processing (Close), open processing (Open) from the IBM-PC/AT compatible is not terminated normally until the Ethernet module makes a target existence check and executes close processing (Close). If you want to terminate open processing (Open) early from the IBM-PC/AT compatible, shorten the target existence check starting interval setting of the Ethernet module.

(The target existence check starting interval setting of the Ethernet module defaults to 10 minutes.)

*1: It can be set for the E71 of AJ71E71-S3 or later.

(3) Replacement of Ethernet module

If you changed the Ethernet module during Ethernet communication due to debugging, failure or like, the other node (IBM-PC/AT compatible) must be restarted.

(Since the Ethernet addresses (MAC addresses) differ between devices)

- (4) Simultaneous access when using Q series-compatible Ethernet module The following conditions should be satisfied when communication is to be made simultaneously from multiple IBM-PC/AT compatibles to the same module using the TCP/IP protocol.
 - Q series-compatible E71 module (except QJ71E71-100) whose first five digits of the serial number is "02122" or later and whose function version is B or later.
 - Using GX Developer Version 6.05F or later, set "MELSOFT connection" in the Ethernet parameter "open system".

(5) Unlocking password when using QJ71E71

The range where the password can be unlocked by remote operation is up to the connection target station.

If the password is set also on the lower layer, communication cannot be made with the programmable controller CPU on the lower layer.



1) Unlocking QJ71E71 password enables access to programmable controller CPUs in this range.

(6) About use of the Q4ARCPU

When using the UDP/IP protocol of Ethernet communication, use the Q4ARCPU whose year and month of manufacture is "0012" or later and whose function version is B or later.

- (7) About Ethernet communication
 - (a) When access is made to the QnACPU, AnUCPU, QCPU (A mode) or motion controller CPU via the E71, the device range is equivalent to that of the AnACPU.
 - (b) When making access to the programmable controller CPU through Ethernet communication, the functions may not be executed depending on the programmable controller CPU status.
 - When the protocol is TCP/IP (target module: E71, QE71) The functions can be executed only when the communication target programmable controller CPU is in the RUN mode. An error is returned if the programmable controller CPU is in other than the RUN mode.
 - 2) When the protocol is UDP/IP (target module: E71, QE71) The functions cannot be executed until the communication target programmable controller CPU is RUN once. An error is returned if the programmable controller CPU has not been RUN once.
 - (c) The communication line is broken if the CPU becomes faulty or the Ethernet module is reset during Ethernet communication (when the protocol is TCP/IP).

In that case, perform line close processing (Close) and then execute reopen processing (Open).

(d) When two different communication systems (protocols) are used to make access from one IBM-PC/AT compatible to one Q series-compatible E71, two station numbers, i.e. for TCP/IP and for UDP/IP, must be set. However, it is not required to set different station numbers for TCP/IP and UDP/IP when using MX Component Version 3 or later and Q series-compatible E71 with serial No. 05051 or later.





Set different station numbers as the (TCP/IP) station number for MX Component and (UDP/IP) station number for GX Developer. If they are set to the same station number, an error will occur on the Ethernet module side.

(8) About switch settings of E71 and QE71

If the four lower digits of the error code that occurred during Ethernet communication using the E71 or QE71 is not indicated in the E71 or QE71 manual, check the DIP switch (SW2) setting of the E71 or QE71. If the DIP switch is not set correctly, a difference has occurred in the packet format (ASCII/binary) and therefore the error code returned from the module cannot be recognized correctly.

Instructions for use of CC-Link modules

- Software version of CC-Link master/local module As the CC-Link master/local module used in CC-Link communication or CC-Link G4 communication(only when the AJ65BT-G4 is used), use the module of software version "N" or later. The module of software version "M" or earlier will not operate properly.
- (2) Software version of CC-Link G4 module As the CC-Link G4 module used in CC-Link G4 communication(only when the AJ65BT-G4 is used), use the module of software version "D" or later. The module of software version "C" or earlier will not operate properly.

Instructions for use of MELSECNET(II), MELSECNET/10 and MELSECNET/H

- About relaying from the MELSECNET/10 loaded station When the module is loaded to the AnNCPU or AnACPU, it is recognized as a MELSECNET(II) module. When the connected station is the AnNCPU or AnACPU, set the relayed network as MELSECNET(II). In addition, set the station number to "0" when making access to the control station.
- (2) Instructions for relaying the MELSECNET(II) When access is made to the QnACPU, AnUCPU, QCPU (A mode) or motion controller CPU via the MELSECNET(II), the device range is equivalent to that of the AnACPU.

Instructions for use of computer link and serial communication modules

- (1) About computer link communication
 - (a) If the connected station CPU is the AnUCPU and the computer link module is the UC24 for computer link connection, remote operation will result in an error when access is made to the AnNCPU, AnACPU or QnACPU via the MELSECNET/10.
 - (b) On any computer link modules other than the UC24 and C24, remote "PAUSE" operation will result in an error for all connections.
 - (c) For the QC24, note that the illegal case of specifying the first I/O number of a non-existing module and reading/writing U**\G** will not return an error if the software version of the module is "k" or earlier.
 - (d) In any connection form (direct coupling, relaying) where the target station of the UC24 or C24 is the QnACPU, an error is returned if clock data read/write is executed.
 - (e) The FX extended port is required when performing the computer link communication using FX_{0N}, FX_{1S}, FX_{1N(C)}, FX_{2N(C)}, FX_{3G}, FX_{3U(C)} CPU.
- (2) Precautions for connecting personal computer and serial communication module
 - (a) When QJ71C24-R2 of function version A is used An MX Component application can use only either of CH1 and CH2. When the MELSOFT product, such as GX Developer or GOT, is using one channel, the application cannot use the other channel. When the QJ71C24-R2 of function version B is used, the application can use both channels.
 - (b) When AJ71QC24-R2 or A1SJ71QC4-R2 or AJ71QC24N-R2 or A1SJ71QC24N-R2 is used The MX Component application can use only CH1. It cannot use CH2.

Instructions for modem communication

- Simultaneous modem communications
 It is not allowed to simultaneously perform modem communications using MX Component and other application such as GX Developer.
 Do not perform a modem communication using other applications during a modem communication using MX Component.
 If modem communications are simultaneously performed using MX Component and other application, this will result in a communication error, disconnection of telephone line or similar problem.
- (2) Instructions for use of telephone line
 - (a) Do not use the call-waiting phone line.
 On the call-waiting phone line, data corruption, telephone line disconnection or similar may occur due to interrupt reading sounds.
 - (b) Do not connect the line to master/slave phones. If the handset of the slave phone is lifted while the telephone line is connecting to the master/slave phones, the telephone line may be disconnected.
 - (c) Use an analog 2 wire type telephone line. When using a digital line, use a terminal adaptor. When the telephone line is of 4 wire type, the line may not be connected depending on the wiring type of the modular jack. For the 4 wire type, conduct connection tests in advance to check for connection.
- (3) Instructions for use of cellular phone
 - (a) Modem for radio communication using a cellular phone Although the modem name is different depending on the maker, the modem is generically referred to as the cellular phone communication unit in this manual.

Select the model of the cellular phone communication unit according to the cellular phone used.

For details, contact the company of your cellular phone.

(b) Cellular phone without auto answer function For the cellular phone without auto answer function, use a cellular phone communication unit that has the ANS/ORG/TEL select switch. If the cellular phone communication unit does not have the ANS/ORG/TEL select switch, it is impossible to connect the line. The line connection procedure is different depending on the cellular phone company and cellular phone model. For details, contact the maker of your cellular phone.

Instructions for programming

- (1) About sample programs, test programs and sample sequence programs(a) Sample programs, test programs
 - The sample programs are attached for your reference to create user programs.

The test programs are attached to conduct communication tests. Use these programs on your own responsibility.

- (b) Sample sequence programs
 The sample sequence programs attached to MX Component must be
 modified depending on the system configuration and parameter settings.
 Modify them to be best for the system.
 Please note that it is user's responsibility to use the same sequence
 programs.
- (2) About forced termination of processes during communication If communication is being made with the same type of control open for multiple processes, forcing one process to be terminated by Task Manager or the like may stop the other processes at the communication function execution area.
- (3) About error at communication start
 A communication error may occur within the preset time-out period at a communication start, e.g. when the communication diagnostic button is pressed, at a monitor start, or at the execution of any function.
 These errors are assumed to be detected before a time-out error.
 (Example: Connection cable not connected, at programmable controller power-off)
- (4) CheckDeviceString Do not use the CheckDeviceString method of each ACT control.
- (5) About ActUMsg control, ActUWzd control, ActMnet2BD control and ActAFBD control Installing MX Component registers the ActUMsg control, ActUWzd control, ActMnet2BD control and ActAFBD control, but do not use them.
- (6) Precautions for use of Act(ML)QJ71E71TCP, Act(ML)AJ71QE71TCP and Act(ML)AJ71E71TCP controls
 - (a) Provide an interval longer than the sequence scan time of the Ethernet module loaded station from when the Open method is executed until the Close method is executed.
 - (b) Provide an interval of at least 500ms from when the Close method is executed until the Open method is executed again.
- (7) Instructions for execution of Disconnect If execution of Disconnect cannot disconnect the telephone line for some reason, power off the modem used to make a call to forcibly disconnect the telephone line.
- (8) Precautions for creating a user program When creating a user program, select "x86" (32 bits) "Target CPU".

Instructions for use of Microsoft[®] Excel

- (1) Precautions for starting multiple Excel files on Windows[®] Me Note that Windows[®] Me has been confirmed to stop if you run multiple Excel files which use many control objects.
 - * This phenomenon is not attributable to this product.
 - (a) Conditions on which this phenomenon has been confirmed to occur Graphic driver : Matrox make MGA Mystique display driver OS : Windows[®] Me (English version)
 - Number of controls pasted to Excel files
 - : A total of 150 or more controls used in the whole BOOK <Other devices checked by Mitsubishi (reference)>
 - CPU : Pentium[®] 166MHz Memory : 64MB Hard disk : 8GB (free space 6GB)
 - (b) Cause

The phenomenon has been confirmed to occur when the Matrox make MGA Mystique graphic card display driver is used. This is because Version 4.12 of the MGA Mystique graphic card display driver is not compatible with Windows[®] Me.

- (c) How to judge whether the phenomenon is the same or not After changing the used graphic driver for the standard VGA driver, delete the temporary data (*.emf) left in the temporary folder. After that, try starting multiple Excel files. The phenomenon seems to be the same if it does not occur by changing the driver for the standard VGA driver.
- (d) Corrective action
 If this phenomenon occurs, the temporary data (*.emf) will be left in the temporary folder of the system.
 You have to delete the remaining temporary data (*.emf) manually.
 The temporary folder of the system is normally in C:\Temp.
 After that, take either of the following actions.
 - 1) Use the graphic card and display driver which support Windows® Me.
 - 2) Reduce the number of control objects pasted to the Excel files.
- (2) Precautions for use of EXCEL VBA

Do not set the page feed preview function in the application that uses EXCEL VBA.

Doing so can cause a memory leak or OS basic operation (file operation, printing or other) fault.

- (3) Precautions for use of Microsoft® Excel
 - (a) If you paste the control to Excel, it may sometimes not be pasted. This phenomenon occurs if the cache file (temporary file) of Excel remains. In such a case, perform operation in the following procedure.
 - 1) Close Excel.
 - 2) Delete *.exd in the Excel 8.0 folder of the temp folders. *1,*2
 - 3) Restart Excel.
 - *1: The temp folder is located depending on the OS.
 - *2: When the corresponding folder and file are not displayed, Make the settings in folder option setting. So that all files and folders will be displayed.
 - (b) Excel allows ACT control resizing, which does not affect the operation of MX Component.

To restore the size, set the Height and Width properties of ACT control to "24" again.

Instructions for use of Microsoft® Access

- (1) Precautions for use of Microsoft® Access
 - (a) When you paste the ACT control to an Access form and double-click the ACT control or choose the custom control in the property, the following error message will appear but this does not affect the operation of ACT control. (Other error message may appear.)

Microsoft	Access X
_	The operation on the MITSUBISHI ActACPU Control object failed.
i	The OLE server may not be registered.
	To register the OLE server, reinstall it.
	ОК

- (b) When you paste the ACT control and display the properties, the property names displayed may be broken.As this phenomenon occurs for only the property indication, there will be no problem in the property functions.
- (c) Access allows ACT control resizing, which does not affect the operation of MX Component.

To restore the size, set the Height and Width properties of ACT control to "24" again.

Instructions for use of VBScript and ASP function

- Security of the Internet/intranet when using VBScript MX Component does not have the Internet/intranet security function. When you need the security function, make setting on the user side.
- (2) Precautions for making CPU COM communication, computer link communication, CC-Link G4 communication or Ethernet (TCP/IP) communication on ASP page and application*1 when Windows[®] 2000 Professional is used. If the ASP page opens CPU COM, computer link, CC-Link G4 or Ethernet (TCP/IP) communication earlier than the application, communication in the same path cannot be made on the application until the ASP page is closed. Therefore, note the following points.
 - (a) CPU COM, computer link, CC-Link G4 or Ethernet (TCP/IP) communication should be opened on the application earlier. After it has been opened on the application, communication can be made on both the application and ASP page until it is closed.
 - (b) When CPU COM, computer link, CC-Link G4 or Ethernet (TCP/IP) communication has been opened on the ASP page, always close the communication.
 - *1: The application indicates any of the user applications created using the MX series and MELSOFT products.

INTRODUCTION

Thank you for choosing the Mitsubishi MELSOFT series Integrated FA software. Read this manual and make sure you understand the functions and performance of MELSOFT series thoroughly in advance to ensure correct use.

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MANUALS

The following lists the manuals for this software package. Refer to the following table when ordering manuals.

Related Manuals

Manual Name	Manual Number (Model Code)
MX Component Version 3 Operating Manual (Startup) Explains procedures for installing and uninstalling MX Component and for browsing the operating manual. (Sold separately)	SH-080270 (13JU31)
MX Component Version 3 Operating Manual Explains how to perform setting and operation of each utility on MX Component. (Sold separately)	SH-080271 (13JU32)
Type A70BDE-J71QLP23/A70BDE-J71QLP23GE/A70BDE-J71QBR13/A70BDE-J71QLR23 MELSECNET/10 Interface Board User's Manual (For SW3DNF-MNET10) Explains the features, specifications, part names and setting of the MELSECNET/10 board, and the installation, uninstallation and others of the driver.	IB-0800035 (13JL93)
Type A80BDE-J61BT11 Control & Communication Link System Master/Local Interface Board User's Manual (For SW4DNF-CCLINK-B) Explains the features, specifications, part names and setting of the CC-Link master board, and the installation, uninstallation and others of the driver. (Sold separately)	IB-0800175 (13JR28)
Type A80BDE-J61BT13 Control & Communication Link System Local Interface Board User's Manual (For SW4DNF-CCLINK-B) Explains the features, specifications, part names and setting of the CC-Link local board, and the installation, uninstallation and others of the driver. (Sold separately)	IB-0800176 (13JR29)
Type Q80BD-J61BT11N/Q81BD-J61BT11 CC-Link System Master/ Local Interface Board User's Manual (For SW1DNC-CCBD2-B) Explains the system configuration, software package installation, uninstallation and each utility's operation method, accessible range, devices and troubleshooting.	SH-080527ENG (13JR77)
Type A80BDE-A2USH-S1 programmable controller CPU Board User's Manual (For SW1DNF-ANU-B) Explains the features, specifications, part names and setting of the CPU board, and the installation, uninstallation and others of the driver. (Sold separately)	IB-0800174 (13JR27)
MELSECNET/H Interface Board User's Manual (For SW0DNC-MNETH-B) Explains the features, specifications, part names and setting of the MELSECNET/H board, and the installation, uninstallation and others of the driver. (Sold separately)	SH-080128 (13JR24)
CC-Link IE Controller Network Interface Board User's Manual (For SW1DNC-MNETG-B) Explains the system configuration, software package installation and uninstallation, operating method for utilities, accessible ranges and devices, and troubleshooting of the CC-Link IE Controller Network board. (Sold separately)	SH-080691ENG (13JZ02)
GX Works2 Version 1 Operating Manual (Common) Explains the system configuration of GX Works2 and the functions common to a Simple project and Structured project such as parameter setting, operation method for the online function. (Sold separately)	SH-080779ENG (13JU63)

Note: The MX Component Version 3 Operating Manual (Startup) and MX Component Version 3 Operating Manual are stored on the CD-ROM of the corresponding software package in PDF format. When you want to purchase the manual alone, it is optionally available as the printed matter of the manual number (Model code) in the above table.

HOW TO USE THIS MANUAL

"How to Use This Manual" is given purpose-by-purpose for use of MX Component. Refer to the following outlines and use this manual.

- (1) To know the feature and ACT control lists (Chapter 1) Chapter 1 gives the ACT control outline and ACT control lists.
- (2) To use the ACT controls on Visual Basic[®] 6.0 or Visual C++[®] 6.0 (Section 2.1) Section 2.1 provides how to make settings on Visual Basic[®] 6.0 and Visual C++[®] 6.0 to use the ACT controls.
- (3) To know the programming procedure (Section 2.2) Section 2.2 contains programming procedures.
- (4) To know the device types to be specified in the functions (Section 2.3) Section 2.3 lists the device types.
- (5) To know the details of the ACT controls (Chapter 3) Chapter 3 provides the details of the ACT controls. Read this chapter when creating a program.
- (6) To know the details of the functions (Chapter 4) Chapter 4 gives the details of the functions. Read this chapter when creating a program.
- (7) To know how to use the sample programs (Chapter 5) Chapter 5 provides the sample programs and how to use them. Use them as reference when creating a program.
- (8) To know the definitions of the error codes (Chapter 6) Chapter 6 lists the error codes returned by the ACT controls and the error codes returned by the CPUs, modules and network boards.
- (9) To know the accessible devices and ranges The MX Component operating manual contains the accessible devices and ranges.
 Refer to the MX Component operating manual.

GENERIC TERMS AND ABBREVIATIONS

Unless otherwise started, this manual uses the following abbreviations and terms for the explanation of MX Component.

Generic Term/Abbreviation	Description				
MX Component	Generic product name for SWnD5C-ACT-E and SWnD5C-ACT-EA (n: version)				
MX Component	-EA means a volume-license product.				
IBM-PC/AT compatible	Abbreviation for IBM PC/AT or its compatible personal computer				
DC CDI I madula	Abbreviation for MELSEC-Q series compatible PC CPU module				
PC CPU module	(CONTEC CO., LTD. make)				
	Generic product name for SWnD5C-GPPW-E, SWnD5C-GPPW-EA, SWnD5C-GPPW-EV				
GX Developer	and SWnD5C-GPPW-EVA (n: version)				
	-EA means a volume-license product, and -EV an updated product.				
GX Works2	Seneric product name for SWnDNC-GXW2 (n: version)				
	Generic product name for SWnD5C-LLT-E, SWnD5C-LLT-EA,				
GX Simulator	SWnD5C-LLT-EV and SWnD5C-LLT-EVA (n denotes any of versions 0 or later.)				
	-EA means a volume-license product, and -EV an updated product.				
	Abbreviation for Type A70BDE-J71QLP23/A70BDE-J71QLP23GE/A70BDE-J71QBR13/				
MELSECINE 1710 board	A70BDE-J71QLR23 MELSECNET/10 interface board				
	Abbreviation for Type Q80BD-J71LP21-25/Q81BD-J71LP21-25/				
MELSECNET/H board	Q80BD-J71LP21S-25/Q80BD-J71LP21G/Q80BD-J71BR11 MELSECNET/H board				
CC-Link IE Controller	Abbreviation for Type Q80BD-J71GP21-SX and Q80BD-J71GP21S-SX CC-Link IE				
Network board	Controller Network interface board				
CC-Link IE Field	Abbreviation for Time 2040D 1740E44 TO 200 Link IE Eicld Naturals interface based				
Network board	Abbreviation for Type Q81BD-J71GF11-T2 CC-Link IE Field Network interface board				
	Abbreviation for Type A80BDE-J61BT11 CC-Link system master/local interface board,				
CC-Link board	Type A80BDE-J61BT13 CC-Link interface board, and Type Q80BD-J61BT11N/				
	Q81BD-J61BT11 CC-Link system master/local interface board				
CPU board	Abbreviation for Type A80BDE-A2USH-S1 programmable controller CPU board				
Interface board for personal	Generic term for MELSECNET/10 board, MELSECNET/H board, CC-Link IE Controller				
computers	Network board, CC-Link IE Field Network board, CC-Link board, and CPU board				
	Generic term for A0J2HCPU, A1SCPU, A1SCPU-S1, A1SCPUC24-R2, A1SHCPU,				
Annopul	A1SJCPU, A1SJHCPU, A1NCPU, A2CCPU, A2CCPUC24, A2CCPUC24-PRF,				
AINCEO	A2CJCPU, A2NCPU, A2NCPU-S1, A2SCPU, A2SCPU-S1, A2SHCPU, A2SHCPU-S1,				
	A3NCPU and A1FXCPU				
	Generic term for A2ACPU, A2ACPU-S1, A2ACPUP21/R21, A2ACPUP21-S1, A3ACPU				
	and A3ACPUP21/R21				
AnLICPL	Generic term for A2UCPU, A2UCPU-S1, A2USCPU, A2USCPU-S1, A2ASCPU,				
	A2ASCPU-S1, A2ASCPU-S30, A2USHCPU-S1, A3UCPU and A4UCPU				
OnACPU	Generic term for Q2ACPU, Q2ACPU-S1, Q2ASCPU, Q2ASCPU-S1, Q2ASHCPU,				
	Q2ASHCPU-S1, Q3ACPU, Q4ACPU and Q4ARCPU				
ACPU	Generic term for AnNCPU, AnACPU and AnUCPU				
QCPU (A mode)	Generic term for Q02CPU-A, Q02HCPU-A and Q06HCPU-A				
	Generic term for Q00JCPU, Q00UJCPU, Q00CPU, Q00UCPU, Q01CPU, Q01UCPU,				
	Q02CPU, Q02HCPU, Q02PHCPU, Q02UCPU, Q03UDCPU, Q03UDECPU,				
QCPU (Q mode)	Q04UDHCPU, Q04UDEHCPU, Q06HCPU, Q06PHCPU, Q06UDHCPU, Q06UDEHCPU,				
	Q10UDHCPU, Q10UDEHCPU, Q12HCPU, Q12PHCPU, Q12PRHCPU, Q13UDHCPU,				
	Q13UDEHCPU, Q20UDHCPU, Q20UDEHCPU, Q25HCPU, Q25PHCPU, Q25PRHCPU,				
	Q26UDHCPU, Q26UDEHCPU, Q50UDEHCPU and Q100UDEHCPU				

Generic Term/Abbreviation	<i>r</i> iation Description		
	Generic term for Q03UDECPU, Q04UDEHCPU, Q06UDEHCPU, Q10UDEHCPU,		
Built-in Ethernet port QCPU	Q13UDEHCPU, Q20UDEHCPU, Q26UDEHCPU, Q50UDEHCPU and		
·	Q100UDEHCPU		
LCPU	Generic term for L02CPU, L26CPU-BT		
Built-in Ethernet port CPU	Generic term for built-in Ethernet port QCPU and LCPU		
QSCPU	Stands for a safety CPU module (QS001CPU)		
	Generic term for FX0CPU, FX0sCPU, FX0NCPU, FX1CPU, FX1NCPU, FX1NCCPU,		
FXCPU	FX1SCPU, FXUCPU, FX2CCPU, FX2NCPU, FX2NCCPU, FX3GCPU, FX3UCPU and		
	FX3UCCPU series		
Motion controller CDU	Generic term for A171SHCPU, A172SHCPU, A173UHCPU, A173UHCPU-S1,		
	A273UHCPU and A273UHCPU-S3		
C Controller CPU	Abbreviation for Q12DCCPU-V		
Programmable controller CDL	Generic term for QCPU(Q mode), LCPU, QSCPU, QCPU(A mode), QnACPU, ACPU,		
	FXCPU, motion controller CPU and C Controller CPU		
C24	Generic term for A1SCPUC24-R2, A1SJ71C24-PRF, A1SJ71C24-R2, A1SJ71C24-R4,		
	A2CCPUC24, A2CCPUC24-PRF, AJ71C24-S6 and AJ71C24-S8		
	Generic term for AJ71UC24, A1SJ71UC24-R2, A1SJ71UC24-R4 and		
	A1SJ71UC24-PRF		
0024	Generic term for AJ71QC24, AJ71QC24-R2, AJ71QC24-R4, A1SJ71QC24-R2 and		
	A1SJ71QC24-R2		
OC24N	Generic term for AJ71QC24N, AJ71QC24N-R2, AJ71QC24N-R4, A1SJ71QC24N and		
	A1SJ71QC24N-R2		
QC24(N)	Generic term for QC24 and QC24N		
Q series-compatible C24	Generic term for QJ71C24 and QJ71C24-R2		
L series-compatible C24	Generic term for LJ71C24 and LJ71C24-R2		
EX extended part	Generic term for FX0N-485ADP, FX2NC-485ADP, FX1N-485-BD, FX2N-485-BD,		
	FX3G-485-BD, FX3U-485-BD and FX3U-485ADP		
	Generic term for C24, UC24, QC24(N), Q series-compatible C24, L series-compatible		
Computer link module	C24 and FX extended port		
(Serial communication module)	Described as the serial communication module especially to indicate QC24(N) or Q		
	series-compatible C24, L series-compatible C24		
	Generic term for AJ71E71, AJ71E71-S3, A1SJ71E71-B2, A1SJ71E71-B5,		
E71	A1SJ71E71-B2-S3, A1SJ71E71-B5-S3, AJ71E71N-B2, AJ71E71N-B5T,		
	AJ/1E/1N3-1, A1SJ/1E/1N-B2, A1SJ/1E/1N-B51 and A1SJ/1E/1N3-1		
0574	Generic term for AJ/1QE/1, AJ/1QE/1N3-1, AJ/1QE/1-B5, A1SJ/1QE/1-B2,		
QE71	A1SJ/1QE/1-B5, AJ/1QE/1N-B2, AJ/1QE/1N-B51, A1SJ/1QE/1N3-1,		
O series competible 571	ATSJ/TQE/TN-B2 and ATSJ/TQE/TN-B5T		
Q series-compatible E71	Generic term for E71, Q371271-B2 and Q371271-100		
	Generic term for E71, QE71 and Q series-compatible E71		
CC-LINK IE Fleid Network	Abbreviation for NZ2GF-ETB CC-Link IE Field Network Ethernet adapter module		
	Concristorm for A IGERT C4 CDD function paripheral connection module and		
CC-Link G4 module	A I65PT C4 S3 CPP function peripheral connection module and		
AGTEL			
	Abbreviation for O6TEL modem interface module		
GOT			
GOT1000	Abbroviation for Graphic Operation Terminal		
0011000			

Generic Term/Abbreviation	Description		
Computer link communication (Serial communication)	Abbreviation for communication with programmable controller CPU using the computer link module Described as serial communication especially in communication that uses QC24(N) or Q series-compatible C24.		
Ethernet communication	Abbreviation for communication by connecting the IBM-PC/AT compatible to Ethernet module or the built-in Ethernet port CPU		
CPU COM communication	Abbreviation for communication by connecting IBM-PC/AT compatible to RS-232 or RS-422 connector of programmable controller CPU		
CPU USB communication	Abbreviation for communication by connecting IBM-PC/AT compatible to the USB connector of QCPU (Q mode), LCPU		
MELSECNET/10 communication	Abbreviation for communication with programmable controller CPU using MELSECNET/10 board		
MELSECNET/H communication	Abbreviation for communication with programmable controller CPU using MELSECNET/H board		
CC-Link IE Controller Network communication	Abbreviation for communication with programmable controller CPU using CC-Link IE Controller Network board		
CC-Link IE Field Network communication	Abbreviation for communication with programmable controller CPU using CC-Link IE Field Network board		
CC-Link communication	Abbreviation for communication with programmable controller CPU using CC-Link board		
CC-Link G4 communication	Abbreviation for communication with programmable controller CPU using CC-Link G4 module		
CPU board communication	Abbreviation for communication with programmable controller CPU using CPU board		
Q series bus communication	Abbreviation for communication with programmable controller CPU on the same base using PC CPU module		
GX Simulator communication	Abbreviation for communication with GX Simulator		
GX Simulator2 communication	Abbreviation for communication with using the simulation functions of GX Works2		
Modem communication	Abbreviation for communication with programmable controller CPU via modems using QC24N (except AJ71QC24N-R4), Q series-compatible C24, L series-compatible C24, A6TEL, Q6TEL or FXCPU		
Gateway function communication	Abbreviation for communication with programmable controller CPU and third-party programmable controllers using the gateway functions of GOT		
GOT transparent communication	Abbreviation for communication with programmable controller CPU using the GOT transparent functions of GOT		
Utility setting type	Abbreviation for user program creation using the communication settings utility		
Program setting type	Abbreviation for user program creation without using the communication settings utility		
ACT controls	Generic term for ActiveX controls offered by MX Component		
Redundant type extension base unit	Abbreviation for Q65WRB extension base unit for redundant system		
Redundant CPU	The Generic term for Q12PRHCPU and Q25PRHCPU		

Generic Term/Abbreviation	Description			
	Generic term for Microsoft [®] Windows [®] 7 Starter Operating System,			
	Microsoft [®] Windows [®] 7 Home Premium Operating System,			
	Microsoft [®] Windows [®] 7 Professional Operating System,			
Windows [®] 7	Microsoft [®] Windows [®] 7 Ultimate Operating System and			
	Microsoft [®] Windows [®] 7 Enterprise Operating System			
	Note that the 32-bit version is designated as "32-bit Windows $^{\ensuremath{\mathbb{R}}}$ 7", and the 64-bit			
	version is designated as "64-bit Windows [®] 7".			
	Generic term for Microsoft [®] Windows Vista [®] Home Basic Operating System,			
	Microsoft [®] Windows Vista [®] Home Premium Operating System,			
Windows Vista [®]	Microsoft [®] Windows Vista [®] Business Operating System,			
	Microsoft [®] Windows Vista [®] Ultimate Operating System and			
	Microsoft [®] Windows Vista [®] Enterprise Operating System			
Windows [®] VD	Generic term Microsoft [®] Windows [®] XP Professional Operating System and			
Windows - XP	Microsoft [®] Windows [®] XP Home Edition Operating System			
Visual C++® .NET (MFC)	Abbreviation for creation of an application using MC/ATL/Win32			
Visual C++® .NET	Abbreviation for creation of an application using .NET Framework			
	Generic term for Visual Basic version Visual Studio [®] .NET 2003,			
Visual Basic [®] .NE I	Visual Studio [®] 2005, Visual Studio [®] 2008, and Visual Studio [®] 2010			

MEMO

1 OVERVIEW

This chapter provides the function outline of the ACT controls offered by MX Component.

1.1 Outline of ACT Controls

These controls are used to create user programs for communication with a programmable controller CPU. This enables the user to make communication without being aware of the hardware and communication protocol on the other end.





1.2 ACT control and Function Lists

The following sections give the lists of ACT controls and functions.

1.2.1 ACT control list

The following table lists the ACT controls included in each DLL offered by MX Component.

DLL Name	Included (Control Name	Application	
	For VB, VC++, VBA	For VBScript	Application	
ActMulti.dll	ActEasyIF	ActMLEasyIF	Used to make communication settings easily on the communication settings utility to make communicating	
	ActQCPUQ	ActMLQCPUQ		
	ActQCPUA	ActMLQCPUA		
ActDoCom dll	ActQnACPU	ActMLQnACPU	Used to make communication via the serial port of the	
ACIFCCOIII.uli	ActACPU	ActMLACPU	corresponding programmable controller CPU.	
	ActFXCPU	ActMLFXCPU		
	ActLCPU	ActMLLCPU		
	ActQJ71C24	ActMLQJ71C24		
	ActAJ71QC24	ActMLAJ71QC24		
ActComLk dll	ActAJ71UC24	ActMLAJ71UC24	Used to make communication via the computer link	
ACICOTTLK.UII	ActAJ71C24	ActMLAJ71C24	module (serial communication module).	
	ActFX485BD	ActMLFX485BD		
	ActLJ71C24	ActMLLJ71C24		
	ActQJ71E71TCP	ActMLQJ71E71TCP		
	ActQJ71E71UDP	ActMLQJ71E71UDP		
	ActAJ71QE71TCP	ActMLAJ71QE71TCP		
	ActAJ71QE71UDP	ActMLAJ71QE71UDP		
	ActAJ71E71TCP	ActMLAJ71E71TCP		
	ActAJ71E71UDP	ActMLAJ71E71UDP		
ActEther.dll	ActFXENETTCP	ActMLFXENETTCP		
	ActQNUDECPUTCP	ActMLQNUDECPUTCP	Used to make communication via the Built-in Ethernet	
	ActQNUDECPUUDP	ActMLQNUDECPUUDP	port QCPU.	
	ActCCIEFADPTCP	ActMLCCIEFADPTCP	Used to make communication via the CC-Link IE Fig	
	ActCCIEFADPUDP	ActMLCCIEFADPUDP	Network Ethernet adapter module.	
	ActLCPUTCP	ActMLLCPUTCP	Used to make communication via the Ethernet port of	
	ActLCPUUDP	ActMLLCPUUDP	the LCPU.	
	ActQCPUQUSB	ActMLQCPUQUSB	Used to make communication via the USB port of the	
ActPoLish dil	ActLCPUUSB	ActMLLCPUUSB	programmable controller CPU.	
	ActFXCPUUSB	ActMLFXCPUUSB	Used to make communication via the USB port of the FX CPU.	
	ActA6TEL		Used to make communication via a subscriber phone or private phone.	
	ActQ6TEL			
	ActFXCPUTEL			
Activioaem.ali	ActAJ71QC24TEL	1 —		
	ActQJ71C24TEL	1		
	ActLJ71C24TEL			

(To the next page)

	Included Control Name		Application	
DLL Marrie	For VB, VC++, VBA	For VBScript	Application	
	ActCCG4QnA	ActMLCCG4QnA	Llood to make communication via the CC Link C4	
ActCcG4.dll	ActCCG4A	ActMLCCG4A		
	ActCCG4Q	ActMLCCG4Q		
	ActMnet10BD	ActMLMnet10BD		
	ActMnetHBD	ActMLMnetHBD		
ActRoard dll	ActMnetGBD	ActMLMnetGBD	Used to make communication with or via the network	
Actobalu.uli	ActCCIEFBD	ActMLCCIEFBD	board.	
	ActCCBD	ActMLCCBD		
	ActAnUBD	ActMLAnUBD		
	ActLLT	ActMLLLT	Used to make communication with the GX Simulator.	
ActLIT.dll	ActSIM	ActMLSIM	Used to make communication with the simulation function of GX Works2 (GX Simulator2).	
ActPcModule.dll	ActQCPUQBus	ActMLQCPUQBus	Used to make Q series bus communication with the PC CPU module.	
ActGOT.dll	ActGOT	ActMLGOT	Used to perform communication with GOT or to read/write data from/to GOT internal devices.	
	ActGOTTRSP	ActMLGOTTRSP	Used to make communication via GOT.	
ActSupport.dll	ActSupport	ActMLSupport	Used with the troubleshooting function.	

1.2.2 Function list

The following table lists the features of the functions and the functions available for the ACT controls.

(1) Function list

Refer to "CHAPTER 4 FUNCTIONS" for full information on the functions.

Function Name	Feature	
Connect	Connects a telephone line.	
Open	Opens a communication line.	
Close	Closes a communication line.	
Disconnect	Disconnects a telephone line.	
GetErrorMessage	Displays error definition and corrective action.	
ReadDeviceBlock	Batch-reads data from devices. (LONG type)	
WriteDeviceBlock	Batch-writes data to devices. (LONG type)	
ReadDeviceBlock2	Batch-reads data from devices. (SHORT type/INT type)	
WriteDeviceBlock2	Batch-writes data to devices. (SHORT type/INT type)	
ReadDeviceRandom	Randomly reads data from devices. (LONG type)	
WriteDeviceRandom	Randomly writes data to devices. (LONG type)	
ReadDeviceRandom2	Randomly reads data from devices. (SHORT type/INT type)	
WriteDeviceRandom2	Randomly writes data to devices. (SHORT type/INT type)	
SetDevice	Sets one device. (LONG type)	
GetDevice	Acquires the data of one device. (LONG type)	
SetDevice2	Sets one device. (SHORT type/INT type)	
GetDevice2	Acquires the data of one device. (SHORT type/INT type)	
ReadBuffer	Reads data from buffer memory.	
WriteBuffer	Writes data to buffer memory.	
GetClockData	Reads clock data from programmable controller CPU.	
SetClockData	Writes clock data to programmable controller CPU.	
GetCpuType	Reads programmable controller CPU type.	
SetCpuStatus	Remote RUN/STOP/PAUSE of programmable controller	
	CPU.	
EntryDeviceStatus	Registers device status monitor.	
FreeDeviceStatus	Deregisters device status monitor.	
OnDeviceStatus	Announces event.	

(2) Functions available for the ACT controls

Refer to "CHAPTER 4 FUNCTIONS" for full information on the functions available for the ACT controls.

(3) Precautions for use of QSCPU

In order to protect the safety programmable controller system, error codes may be returned when functions writing to buffer memory, writing and setting devices and writing clock data cannot be executed.

MEMO

		_
2 ABOUT THE ACT CONTROLS

This chapter explains the settings made for use of the ACT controls, the programming procedures, the device types and the accessible ranges.

2.1 Settings Made for Use of the ACT Controls

This section describes the setting operation performed for use of the ACT controls.

POINT

Note that restrictions by DEP may apply when using Windows[®] XP Service Pack2 or later, or Microsoft[®] Windows Vista[®] or Windows[®] 7. For restrictions by DEP, refer to the following manual. MX Component Version 3 Operating Manual

2.1.1 When using Visual Basic® 6.0

Perform the following setting operation when using Visual Basic[®] 6.0.

(1) Setting the include file



1) Start Visual Basic[®] 6.0 and choose the [Project]-[Add Module] menu.



(To the next page.)

2) Choose the <<Existing>> tab and select "ActDefine.bas".

"ActDefine.bas" is stored in <User specified folder>-<Act>-<Include> at the time of installation.



(From the previous page)

3) Registering "ActDefine.bas" adds it to Modules.

1) Choose the [Project]-[Components] menu.

(2) Registering the ACT controls

Apply



- 2) Select the <<Controls>> tab and choose the DLL which
 - includes the ACT controls you want to use.



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MITSUBISHI ActPrilish Controls

3) The ACT controls included in the selected DLL are added to the toolbox.

2.1.2 When using Visual C++® 6.0

Perform the following setting operation when using Visual C++ $^{\circ}$ 6.0.

(1) Setting the include file

Tools Window Help						
Source Browser Alt+F12						
Close Source Browser <u>Fi</u> le						
Visual Component Manager						
↗₂ Register Control						
A Error Lookup						
ActiveX Control Test Container						
Course COM Object Viewer						
▶ SDV++						
The Macro Recent Outlet, Macros, Cut, Chitty D						
<u>Hecolo Quick Macro</u> Ctrl+Shift+P						
\downarrow						
Options ? ×						
Editor Tabs Debug Compatibility Build Directories						
Platform: Show directories for:						
Win32 Include files						
Directories:						
C:\Program Files\Microsoft Visual Studio\VC98\INCLUDE						
C:\Program Files\Microsoft Visual Studio\VC38\MFC\INCLUDE C:\Program Files\Microsoft Visual Studio\VC38\ATL\INCLUDE						
C:\Program Files\Microsoft Visual Studio\VC98\ATL\INCLUDE						
C:\Program Files\Microsoft Visual Studio\VC98\ATL\INCLUDE						
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C:\Program Files\Microsoft Visual Studio\VC98\ATL\INCLUDE						
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C.\Program Files\Microsoft Visual Studio\VC38\ATL\INCLUDE OK Cancel ↓ Choose Directory ? × Directory name: OK						
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Choose Directory C:\MELSEC\Act\Include C:\MELSEC\Act\Include C:\Metwork C:						
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Choose Directory C:\Program Files\Microsoft Visual Studio\VC98\ATL\NCLUDE Choose Directory Choose Directory C:\MELSEC\Act\Include C:\MELSEC\Act\Include Directory Directory C:\Metwork Directory C:\Metwork						

1) Start Visual C++[®] 6.0 and choose the [Tools]-[Options] menu.

 Choose the <<Directories>> tab and set "Include files" in "Show directories for:".

3) Double-click the item to be set, and browse the include file.

"ActDefine.H" is stored in <User specified folder>-<Act>-<Include> at the time of installation.



(2) Registering the ACT control

Dialog OK Col; Cancel	1) Click the form to choose "Class Wizard".
	 2) When the left dialog box appears, choose the <<member variables="">> tab.</member> Choose the member variable adding control ID and click Add Variable.
	3) When the left screen appears, read the information and click OK.
Confirm Classes Control Click on a class name to browse or edit its attributes. Cancel Cancel	4) Check the class checkbox and click OK.
Class <u>n</u> ame: Base class: CActACPU CWnd Header file: ActACPU.h Implementation file: ActACPU.cpp	

(3) Adding the member variable

(To the next page.)

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↓	
Add Member Variable	5) Enter the member variable name and click OK.
Member variable <u>n</u> ame: OK m_cActAcpu	
Cancel	
Variable type: CActACPU	
Description: map to CActACPU member	
↓	
MFC ClassWizard ? × Message Maps Member Variables Automation ActivaX Events Class Info Project Class game: Add Class Add Class ACT Add Class Add Class CNMyProjectsVACTVACT1.h.CVMyProjectsVACTVACT1.cpp Add Variable Control [DC: Type Member IDC: Type Member	6) Make sure that the member variable has been registered.
Description:	

2.1.3 When using VBA

Perform the following setting operation when using VBA.

(1) When using Microsoft® Excel 2000 or Microsoft® Excel 2002



Form	1) Boot Access and make the database form active.
 Microsoft TabStrip Control, version 6.0 Microsoft Toolbar Control, version 6.0 Microsoft TreeView Control, version 6.0 Microsoft Web Browser Microsoft Windows Report Control MITSUBISHI ActACPU Control MITSUBISHI ActAJ71C24 Control MITSUBISHI ActAJ71E71TCP Control 	2) Click 🐑 of the toolbox. As this displays a menu, choose the ACT control you want to use.
	3) Paste the selected ACT control to a sheet.
	 Choose the [Tools]-[Macro]-[Visual Basic Editor] menu to start Visual Basic Editor.
E Carrolles Carrolles Meddel 3 Model No.48 Mobile (Carrolle) Mobile (Carrolle) Mobile (Carrolle) Mobile (Carrolle) Mobile (Carrolle) Mobile (Carrolle)	5) Perform programming on Visual Basic Editor.

(2) When using Microsoft® Access 2000 or Microsoft® Access 2002

2.1.4 When using VBScript

Create HTML or ASP using the notepad, commercially available text editor, HTML creation tool or like. Refer to the commercially available references and so on for the grammars of HTML and ASP. Also refer to the HTML and ASP sample programs installed in MX Component.

2.1.5 When Using Visual Studio® .NET

Perform the following setting operation when using Visual Studio® .NET.

(1) Setting the include file (for Visual Basic[®] .NET)



1) Start the project and choose the [Project] - [Add Existing Item] menu.

 Refer to the ActDefine.vb file and click Open.
 At the time of installation, the ActDefine.vb file is in <User-specified folder>-<Act>-<Include>.

 The "ActDefine.vb" file appears in the Solution Explorer window. Tools <u>W</u>indow <u>H</u>elp

🔜 Debug Processes... Ctrl+Alt+P

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Cancel

Connect to Database... Add/Remove Toolbox Items...

<u>A</u>dd-in Manager... <u>B</u>uild Comment Web Pages...

External Tools...

Macros

] - Action.cpp

8,

es



1) Start Visual Studio[®] .NET and choose the [Tools] -[Options] menu.

- - *1: For Visual Studio[®] 2005 and Visual Studio[®] 2008, choose [Projects and Solutions].
- Refer to the folder that contains the Include files. At the time of installation, the Include files are in <User-specified folder>-<Act>-<Include>.



Favorite

y Network Places Folder name:



ı] - Form1.vb [Design] Tools Window Help 🔜 Debug Processes... Ctrl+Alt+P D., Connect to Device... Ъ, Connect to Database... Add/Remove Toolbox Items... Add-in Manager... Build Comment Web Pages... Macros ۲ Create GUID External Tools... Customize... Options... Ţ stomize Toolbox × NET Framework Components COM Components Path Library MITSUBISHI ActCCBD Control C:\MELSEC\Act\Control\ActBoard.dll MITSUBISHI Act.. MITSUBISHI Act.. MITSUBISHI ActCCG4A Control C:\MELSEC\Act\Control\ActCcG4.dll MITSUBISHI ActCCG4Q Control C:\MELSEC\Act\Control\ActCcG4.dll C:\MELSEC\Act\Control\ActCcG4.dll MITSUBISHI Act. MITSUBISHI ActCCG4QnA Contro MITSUBISHI ActEasyIF Control MITSUBISHI Act.. C:\MELSEC\Act\Control\ActMulti.dll C:\MELSEC\Act\Control\ActComLk.dll MITSUBISHI Act... MITSUBISHI ActFX485BD Control MITSUBISHI ActFXCPU Control MITSUBISHI Act. C:/MELSEC/Act/Control/ActPcCom.dll C:/MELSEC/Act/Control/ActPcCom.dll C:/MELSEC/Act/Control/ActModem.dll C:/MELSEC/Act/Control/ActGOT.dll MITSUBISHI Act. MITSUBISHI ActFXCPUTEL Control MITSUBISHI ActGOT Control MITSUBISHI Act.. MITSUBISHI Act.. MITSUBISHI ActLLT Control C:\MELSEC\Act\Control\ActLlt.dll MITSUBISHI Act. <u>ب</u> -) VideoSoft FlexArray Control Language: Language Neutral Version: 3.0 Browse. OK Cancel <u>R</u>eset Help

Toolbo

Data

Components Windows Forms

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Clipboard Ring General ₽ ×

- 1) Choose the [Tools] [Add/Remove Toolbox Items^{*2}] menu.
 - *2: For Visual Studio[®] 2005 and Visual Studio[®] 2008, choose [Choose Toolbox Items].

2) Choose the <<COM Components>> tab, check the ACT control to be used, and click OK.

 The ACT control is added to the bottom of the tab selected in "Toolbox".



- Solution Explorer ActControl 6 Solution 'ActControl' (1 project) -🗟 Referen<u>ce</u> "Add Reference". Add Reference... System • System Add Web Reference... System.Windows.Forms
 System.XML ActDefine.vb AssemblyInfo.vb Form1.vb Solution Explorer Add Reference X NET COM Projects Brov Component Name MITSUBISHI ActConLk Contro... MITSUBISHI ActEther Control... MITSUBISHI ActEthor Controls V... MITSUBISHI ActLk Controls V... MITSUBISHI ActModem Contr... MITSUBISHI ActModem Controls... MITSUBISHI ActModem Controls... Select simultaneously. CIVIELSECIACUCONTROLLECTURE CIVIELSECIACUCONTROLACE... CIVIELSECIACUCONTROLACE... CIVIELSECIACUCONTROLACE... CIVIELSECIACUCONTROLACE... CIVIELSECIACUCONTROLACE... CIVIELSECIACUCONTROLACE... MITSUBISHI ActPcCom Contr... MITSUBISHI ActPcModule Con... MITSUBISHI ActPcUsb Control... MITSUBISHI ActSupport Contr... MITSUBISHI ActSupport Contr... MITSUBISHI ActWizard Control MITSUBISHI ActWizard Control 3.0 3.0 3.0 3.0 1.0 1.5 Component Name Туре Source Т Remove OK Cancel Help \downarrow Add Reference × NET COM Projects Component Name TypeLib Ver... Path MITSUBISHI ActComLk Contro... MITSUBISHI ActEther Control... MITSUBISHI ActGOT Controls ... MITSUBISHI ActLit Controls V... MITSUBISHI ActLit Controls V... C:\MELSEC\Act\Control\ActC.. C:\MELSEC\Act\Control\ActEt. C:\MELSEC\Act\Control\ActG.. C:\MELSEC\Act\Control\ActLl.. C:\MELSEC\Act\Control\ActLl.. 3.0 3.0 3.0 3.0 3.0 TSUBISHI ActMulti Controls MITSUBISHI ActPcCon Cont... 3.0 MITSUBISHI ActPcUsb Control... 3.0 MITSUBISHI ActPcUsb Control... 3.0 MITSUBISHI ActSupport Cont... 3.0 C:\MELSEC\Act\Control\ActP. C:\MELSEC\Act\Control\ActP. C:\MELSEC\Act\Control\ActP. C:\MELSEC\Act\Control\ActS. MITSUBISHI Accouptor Control 1.0 MITSUBISHI ActWizard Control 1.0 MITSUBISHI À b± %16 %Å()%1 1.5 C:\MELSEC\Act\Control\ActU... C:\MELSEC\Fhdn\EBDOTDA.or: -Selected Components:
 Component Name
 Type
 MITSUBISHI ActMulti Controls V... COM Source Remo<u>v</u>e C:\MELSEC\Act\Control\ActMult... OK Cancel Help \downarrow Solution Explorer - ActControl 7 b B Solution 'ActControl' (1 project) • System System.Data
 System.Drawing
 System.Windows.Forms System.XML ActDefine.vb AssemblyInfo.vb
 - Choose [View] [Solution Explorer] menu to display "Solution Explorer", and right-click "Reference" to select "Add Reference".

 Choose the <<COM>> tab and select the ACT control to be used. In this state, click Select. By keeping the [Ctrl] key pressed, multiple ACT controls can be selected simultaneously.

3) When all the components to be used are displayed in "Selected Components", click OK.

4) The library of the components used for "Solution Explorer" is set to Reference.

Solution Explorer

(5) When using ACT control without pasting it to a form (Reference) (Common to Visual Studio[®] 2005, Visual Studio[®] 2008 and Visual Studio[®] 2010 project)

ol - Mi	icrosoft	: Vis	iual Stu	Jdio				
View	Proje	ect	Build	Debug	Data	Forma		
	Code							
	Designe	er						
	Open	es.L.						
10-1	Open W	/ith.						
43	Server	Expl	orer		Ctrl+A	t+S		
-9	Solution	i Exp	olorer	6	Ctrl+A	t+L		
	Bookma	rk V	vindow	V Ctr	1+K, Ctrl	+W		
	Class Vi	ew 		(Ctrl+Shift+C			
に <u>当</u>	Code Definition Wind			idow U	low Ctrl+ Ctrl+D			
<u>=</u> ,	Table	brov	vser		C01+A	(+)		
	Tab Order							
-0	Error Lis	st		C	trl+ Cti	1+E		
	Output				Ctrl+All	:+0		
	Properties Window F4					F4		
272	Task List Ctrl+ Ctrl+T					1+1		
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Rename Unload Project

Properties

 Solution Explorer

 Class View

 Properties

 ↓

 (To next page)

1) Choose [View] - [Solution Explorer] menu to display "Solution Explorer".

2) Right-click a project and choose [Reference] menu.

(From the previous page)

3.0 3.0 3.0 3.0 3.0

3.0 1.0

1.4

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Ţ (To the next page)

MITSUBISHI ActSupport Control Ver3.0 MITSUBISHI ActWizard Control MITSUBISHI Faceplate Control

MITSUBISHI Faceplate Control MITSUBISHI Faceplate Control

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Cancel



2 - 14

(From the previous page)

 \downarrow







 5) The library of the component to be used for "References:" is set to "References". (The figure is in Visual Studio[®] 2008.)

The library of the component to be used can be checked in "References" on "Class View".

(In Visual Studio[®] 2008 and Visual Studio[®] 2010, enable "Show Project Reference" in the "Class View Settings".)



 For Visual Basic[®] .NET of Visual Studio[®] 2010, click in the "Solution Explorer" to display all files.

Right-click the library for the used component in "References" and select "Properties".

Properties 🔻 🗖 🗙						
Interop.ACTMULTILib Reference Properties -						
•	2↓ 🖻					
	(Name)	Interop.ACTMULTILib				
	Copy Local	True				
	Culture	0				
	Description	MITSUBISHI ActMulti Controls Ver3.0				
	Embed Interop Types	False 💌				
	File Type	ActiveX				
	Identity	{A306B141-AE98-11D3-83AE-00A024BDBF2B}\3.0				
	Isolated	False				
	Path	C:\Users\MX\documents\visual studio 2010\Pro				
	Resolved	True				
	Strong Name	False				
	Version	3.0.0.0				
Em	bed Interop Types					

Indicates whether types defined in this assembly will be embedded into the target assembly.

Set "Embed Interop Types" to "False" in the "Properties" window.

(6) When using ACT application on Visual C++-MFC



(From the previous page)

		V	_
Access: private	Control variable		
⊻ariable type: CActeasyif1	Control ID:	Category:	-
Variable <u>n</u> ame: m_ActEasyIF	Control type:	Ma <u>x</u> chars:	
	Min valge:	Max valu <u>e</u> :	
	.h file: acteasyif1.h	.cgp file: acteasyif1.cpp	
Lomment (// notation not requ It is the member variable of M	ired): ITSUBISHI ActEasyIF Control		_

5) After checking "Control variable", select the ID of the ACT control in "Control ID", enter the variable name, and click Finish.

- 6) Make sure that the member variable set in Step 5) has been created.
 - · In form class of Class View



<The figure is in Visual Studio® 2005.>



<The figure is in Visual Studio[®] 2008.>

· In header file of form class

CActCo	ntrolDig	
11	Implementation	
pro	tected:	
	HICON m hIcon;	
	// Generated message map functions	
	virtual BOOL OnInitDialog();	
	afx_msg void OnSysCommand(UINT nID, LPARAM 1Param);	
	afx_msg void OnPaint();	
	afx_msg_HCURSOR_OnQueryDragIcon();	
	DECLARE MESSAGE MAP()	
pri	vate:	
	// It is the member variable of MITSUBISHI ActEasyIF Control	
	CActeasyif1 m_ActEasyIF;	
);	_	
L		
		ĥ

2.2 Programming Procedures

This section gives the procedures of creating a user application.

POINT When creating a user program, select "x86" (32 bits) "Target CPU".

2.2.1 When using Visual Basic® 6.0 or Visual Basic® .NET

When using Visual Basic[®] 6.0 or Visual Basic[®] .NET, create a user application in the following procedure.



2.2.2 When using Visual C++® 6.0 or Visual C++® .NET

When using Visual C++[®] 6.0 or Visual C++[®] .NET, create a user application in the following procedure.



2.2.3 When using VBA



When using VBA, create a user application in the following procedure.

2.2.4 When using VBScript



When using VBScript, create a user application in the following procedure.

2.3 Device Types

This section explains the devices that may be specified for the functions.

F	POINT	
(1)	To specify	the device with any of the following functions, specify "device name + device number".
	For the dev	vice numbers, note the differences between octal, decimal and hexadecimal numbers.
	Target fun	ctions: ReadDeviceBlock, ReadDeviceBlock2, WriteDeviceBlock, WriteDeviceBlock2,
		ReadDeviceRandom, ReadDeviceRandom2, WriteDeviceRandom,
		WriteDeviceRandom2, SetDevice, SetDevice2, GetDevice, GetDevice2
(2)	When spe	cifying bit devices for ReadDeviceBlock, ReadDeviceBlock2, WriteDeviceBlock or
	WriteDevic	ceBlock2, specify the device number as a multiple of 16.
(3)	The local of	levices and the file registers for individual programs of the Q/QnA series
	Programm	able controller CPU are not accessible by specifying the program name.
(4)	Only the de	evices indicated in this section are supported.

Do not use unsupported devices.

(1)	Common (except for gateway function communication)
	The following device types are common to all communication paths but gateway
	function communication.

Device		Device Name	Device No. Type	Device No.	Remarks			
Function input		FX	Bit	Decimal				
Function output		FY	Bit	Decimal				
Function re	egister	FD	Word	Decimal	4 words/1 point *1			
Special relay		SM	Bit	Decimal	_			
Special register		SD	Word	Decimal				
Input relay		Х	Bit	Hexadecimal	Octal for FXCPU			
Output rela	ау	Y	Bit	Hexadecimal	Octal for FXCPU			
Internal rel	ay	М	Bit	Decimal	*2			
Latch relay	/	L	Bit	Decimal	*2			
Annunciator		F	Bit	Decimal	_			
Edge relay		V	Bit	Decimal				
Link relay		В	Bit	Decimal				
Data register		D	Word	Decimal	_			
Link regist	er	W	Word	Hexadecimal	_			
	Contact	TS	Bit	Decimal				
Timer	Coil	TC	Bit	Decimal	_			
	Present value	TN	Word	Decimal	—			
	Contact	CS	Bit	Decimal				
Counter	Coil	СС	Bit	Decimal	_			
	Present value	CN	Word	Decimal	For FXCPU, 200 or more is 32-bit data.			
Detentive	Contact	SS	Bit	Decimal	For ACPU, use timer to specify.			
timor	Coil	SC	Bit	Decimal	For ACPU, use timer to specify.			
umer	Present value	SN	Word	Decimal	For ACPU, use timer to specify.			
-	Bit: Bit device Word: Word device							

*1: For batch operation, operation is performed continuously in units of one word.

For random operation, only the first one word is read. *2: For the QCPU (A mode) and ACPU, the M, L and S devices have the same regions independently of the device setting in the parameters.

Device		Device Name	Device No. Type	Device No.	Remarks
Link special relay		SB	Bit	Hexadecimal	
Link special register		SW	Word	Hexadecimal	
Step relay		S	Bit	Decimal	*2
Accumulator		А	Word	Decimal	*5
Index register		Z	Word	Decimal	*5
		V	Word	Decimal	*5
File register		R	Word	Decimal	*3
		ZR	Word	Decimal	
Extended file register		ER*\R	Word	Decimal	*4
	Link input	J*\X	Bit	Hexadecimal	*4
	Link output	J*/Y	Bit	Hexadecimal	*4
Direct	Link relay	J*\B	Bit	Hexadecimal	*4
link *6	Link special relay	J*∖SB	Bit	Hexadecimal	*4
	Link register	J*\W	Word	Hexadecimal	*4
	Link special register	J*\SW	Word	Hexadecimal	*4
Special	direct buffer		Word	Hexadecimal	*4 *9
memory	*7*9		vvord	/decimal	~4, *8

Bit: Bit device Word: Word device

*2: For the QCPU (A mode) and ACPU, the M, L and S devices have the same regions independently of the device setting in the parameters.

*3: To specify the extended file register, describe "\" between the block number part and file register part. Specifying R** specifies R of block No. 0. Specifying ER0\R** returns an error.

Specifying ER**\R** does not enable extension representation (indirect specification, digit specification).

*4: For direct specification, describe "\" between the direct specification part and device specification part.

- *5: Cannot be used when E71 is relayed.
- *6: For J*, specify the network number.

7: Specify the special module I/O number (hexadecimal) for U, and the buffer memory address (decimal) for G**.
 (Example: Specify "U20\G100" when the special module I/O number is 200H and the buffer memory address is 100.)

- *8: FXCPU cannot be used.
- *9: In a multi-QCPU configuration, an error will occur if the shared memory of the host QCPU is specified. Also, independently of the host or other CPU, an error will occur if write to the shared memory is performed.

(2) For CC-Link communication only

For CC-Link communication only, the devices in the following table can be used when own board access is made. They cannot be used for other communication paths.

Device	Device Name	Device No. Type	Device No.	Remarks
Special relay	SM	Bit	Decimal	Special relay of own board
Special register	SD	Word	Decimal	Special register of own board
Link special register (for CC-Link)	SB	Bit	Hexadecimal	Link special relay of own board
Link special register (for CC-Link)	SW	Word	Hexadecimal	Link special register of own board
Remote input	Х	Bit	Hexadecimal	RX
Remote output	Y	Bit	Hexadecimal	RY
Link register	W	Word	Hexadecimal	_

(To the next page)

Device	Device Name	Device No. Type	Device No.	Remarks
Remote register (write area for CC-Link)	ww	Word	Hexadecimal	RWw
Remote register (read area for CC-Link)	WR	Word	Hexadecimal	RWr
Buffer memory	ML	Word	Hexadecimal	Buffer memory of own station CC-Link module
Random access buffer	MC	Word	Hexadecimal	Random access buffer in buffer memory of own station CC-Link module
Automatic refresh buffer	MF	Bit	Hexadecimal	Automatic refresh buffer of own station CC-Link module

(3) For gateway function communication only This section gives how to specify the device name used for gateway function communication.

For the way to specify the devices used in the methods of the other controls, refer to the MX Component Operating Manual.

Device	Device Name	Device No. Type	Device No.	Remarks
Gateway device *1	EG	Word	Decimal	

*1: If data is read from the gateway device where the programmable controller CPU device has not been assigned, the read data is 0.

(4) About device extension representation

The device extension representation usability table is given below. They cannot be used with ReadDeviceBlock and WriteDeviceBlock. When the ActAJ71E71TCP, ActMLAJ71E71TCP, ActAJ71QE71TCP or ActMLAJ71QE71TCP control is used, device expansion representation is unusable.

	Target CPU									
Device Extension Representation	QCPU (Q mode)	Q12DC CPU-V	LCPU	QSCPU	QCPU (A mode)	QnACPU	ACPU	FXCPU	Motion controller CPU	GOT
Digit specification (example: K4M0) *1	0	0	0	0	0	0	0	0	0	\times
Bit specification (example: D0.1)	○*3	0	○*3	○*3	○*3	○*3	○*3	○*3	○*3	0
Index qualification (example: M100Z0) *2	0	×	0	×	×	○*4	×	×	×	×

 $\bigcirc: \textbf{Usable} \quad \times: \textbf{Unusable}$

*1: FX/FX, DX/DY and T/C/ST (contact, coil) cannot be specified.

*2: FX/FX, DX/DY, T/C/ST (contact, coil), Z and S cannot be specified.

*3: Z, V, T/C/ST (present value) cannot be specified.

*4: Unusable when QE71 is relayed.

2.4 Accessible Devices and Ranges

Refer to the MX Component Operating Manual for the accessible devices and ranges for corresponding communication.

MEMO

3 DETAILS OF THE ACT CONTROLS

This chapter describes the details of the ACT controls, the details of the properties, and the possessed property list.

3.1 Details of the ACT Controls

The following table lists the definitions and usable setting types of the ACT controls.

Control Name		Definition				
For VB, VC++, VBA	For VBScript	Deminuon	Туре			
ActEasylF	ActMLEasyIF	Can communicate with any communication path. Use the communication settings utility to set the information for communication.	U			
ActQJ71E71TCP	ActMLQJ71E71TCP	Used for Ethernet communication where the connected module is the Q series-compatible E71 (TCP/IP communication).	Р			
ActQJ71E71UDP	ActMLQJ71E71UDP	Used for Ethernet communication where the connected module is the Q series-compatible E71 (UDP/IP communication).	Р			
ActLCPUTCP	ActMLLCPUTCP	Used for Ethernet communication where the connected module is the LCPU (TCP/IP communication).	Р			
ActLCPUUDP	ActMLLCPUUDP	Used for Ethernet communication where the connected module is the LCPU (UDP/IP communication).	Р			
ActAJ71QE71TCP	ActMLAJ71QE71TCP	Used for Ethernet communication where the connected module is the QE71 (TCP/IP communication).	Р			
ActAJ71QE71UDP	ActMLAJ71QE71UDP	Used for Ethernet communication where the connected module is the QE71 (UDP/IP communication).	Р			
ActAJ71E71TCP	ActMLAJ71E71TCP	Used for Ethernet communication where the connected module is the E71 (TCP/IP communication).	Р			
ActAJ71E71UDP	ActMLAJ71E71UDP	Used for Ethernet communication where the connected module is the E71 (UDP/IP communication).	Р			
ActFXENETTCP	ActMLFXENETTCP	Used for Ethernet communication where the connected module is the FX series Ethernet module (TCP/IP communication).	Р			
ActQNUDECPUTCP	ActMLQNUDECPUTCP	Used for Ethernet communication where the connected module is the Built-in Ethernet port QCPU (TCP/IP communication).	Р			
ActQNUDECPUUDP	ActMLQNUDECPUUDP	Used for Ethernet communication where the connected module is the Built-in Ethernet port QCPU (UDP/IP communication).	Р			
ActCCIEFADPTCP	ActMLCCIEFADPTCP	Used for Ethernet communication where the connected module is the CC-Link IE Field Network Ethernet adapter module (TCP/IP communication).	Р			
ActCCIEFADPUDP	ActMLCCIEFADPUDP	Used for Ethernet communication where the connected module is the CC-Link IE Field Network Ethernet adapter module (UDP/IP communication).	Р			
ActQCPUQ	ActMLQCPUQ	Used for CPU COM communication where the connected Programmable controller CPU is the QCPU (Q mode).	Р			
ActLCPU	ActMLLCPU	Used for CPU COM communication where the connected Programmable controller CPU is the LCPU.	Р			
ActQCPUA	ActMLQCPUA	Used for CPU COM communication where the connected Programmable controller CPU is the QCPU (A mode).	Р			
ActQnACPU	ActMLQnACPU	Used for CPU COM communication where the connected Programmable controller CPU is the QnACPU.	Р			
ActACPU	ActMLACPU	Used for CPU COM communication where the connected Programmable controller CPU is the ACPU (including motion controller CPU).	Р			
ActFXCPU	ActMLFXCPU	Used for CPU COM communication where the connected Programmable controller CPU is the FXCPU.	Р			

U : Utility setting type

P : Program setting type

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Control Name		Deficition				
For VB, VC++, VBA	For VBScript	Definition				
ActQJ71C24	ActMLQJ71C24	Used for computer link communication where the connected module is the Q series-compatible C24.	Р			
ActLJ71C24	ActMLLJ71C24	Used for computer link communication where the connected module is the LCPU-compatible C24.				
ActAJ71QC24	ActMLAJ71QC24	Used for computer link communication where the connected module is the QC24(N).	Р			
ActAJ71UC24	ActMLAJ71UC24	Used for computer link communication where the connected module is the UC24.	Р			
ActAJ71C24	ActMLAJ71C24	Used for computer link communication where the connected module is the C24.	Р			
ActFX485BD	ActMLFX485BD	Used for computer link communication where the connected module is the FX extended port.	Р			
ActFXCPUUSB	ActMLFXCPUUSB	Used for USB communication where the connected Programmable controller CPU is the FXCPU.	Ρ			
ActQCPUQUSB	ActMLQCPUQUSB	Used for USB communication where the connected Programmable controller CPU is the QCPU (Q mode).	Р			
ActLCPUUSB	ActMLLCPUUSB	Used for USB communication where the connected Programmable controller CPU is the LCPU.	Р			
ActCCG4Q	ActMLCCG4Q	Used for CC-Link G4 communication where the connected module is the AJ65BT-G4-S3 (Q mode).	Ρ			
ActCCG4QnA	ActMLCCG4QnA	Used for CC-Link G4 communication where the connected module is the AJ65BT-G4 (QnA mode).	Р			
ActCCG4A	ActMLCCG4A	Used for CC-Link G4 communication where the connected module is the AJ65BT-G4 (A mode).	Р			
ActMnet10BD	ActMLMnet10BD	Used for MELSECNET/10 communication.	Р			
ActMnetHBD	ActMLMnetHBD	Used for MELSECNET/H communication.	Р			
ActMnetGBD	ActMLMnetGBD	Used for CC-Link IE Controller Network communication.	Р			
ActCCIEFBD	ActMLCCIEFBD	Used for CC-Link IE Field Network communication.	Р			
ActCCBD	ActMLCCBD	Used for CC-Link communication.	Р			
ActAnUBD	ActMLAnUBD	Used for CPU board communication.	Р			
ActLLT	ActMLLLT	Used for GX Simulator communication.	Р			
ActSIM	ActMLSIM	Used to make communication with the simulation function of GX Works2 (GX Simulator2).	Р			
ActQCPUQBus	ActMLQCPUQBus	Used for Q series bus communication.	Р			
ActA6TEL	_	Used for modem communication where the connected module is the A6TEL or Q6TEL (A mode).	Р			
ActQ6TEL	_	Used for modem communication where the connected module is the Q6TEL (QnA mode).	Р			
ActFXCPUTEL	_	Used for modem communication where the connected Programmable controller CPU is the FXCPU.	Р			
ActQJ71C24TEL	_	Used for modem communication where the connected module is the Q series- compatible C24 or Q series-compatible CMO.	Р			
ActLJ71C24TEL	_	Used for modem communication where the connected module is the LCPU- compatible C24 or LCPU-compatible CMO.	Р			
ActAJ71QC24TEL	_	Used for modem communication where the connected module is the Q24N.	Р			
ActGOT	ActMLGOT	Used for gateway function communication.	Р			
ActGOTTRSP	ActMLGOTTRSP	Used with the GOT transparent function.	Р			
ActSupport	ActMLSupport	Used with the troubleshooting function.	Р			

P : Program setting type

3.2 Details of the Properties

The following tables give the details of the properties which must be set to create a user application.

POINT

When creating a user application by pasting the ACT control, enter the property value on the property window in decimal.

Property Name (Type)	Description							
ActLogicalStationNumber (LONG)	Logical station number set on the communication settings utility. (Setting range: 0 to 1023)							
ActNetworkNumber	Specify the network number on the MELSECNET/10(H). (Specify "0"(0x00) when specifying the own station.) Specify the network number for accessing other station by GX Simulator.							
(LONG)	ActIntelligentPreferenceBit value	Description						
· · · ·	0(0x00)	Specify the own network.						
	1(0x01)	Specify another network of multidrop destination.						
ActStationNumber	Specify the station number for MELSECNET/10(H) or CC-Link. (Specify "0"(0x00) when specifying the own station.) Specify the station number for accessing other station by GX Simulator. Handled as the own station when access to the CPU of the CPU board is made. StationNumber							
(LONG)	ActIntelligentPreferenceBit value	Description						
	0(0x00)	Specify the own network.						
	1(0x01)	Specify another network of multidrop destination.						
ActUnitNumber (LONG)	Specify the module number of the com the Q series-compatible intelligent spec setting the QnA series own station (mod Invalid when the target is not the compo- special function module. For multidrop link, specify the module n	outer link module or the station number when the target is cial function module. However, specify "0"(00x0) when dule loaded to the own station CPU). uter link communication or Q series-compatible intelligent umber of the target computer link module.						
ActConnectUnitNumber (LONG)	Specify the module number of the computer link module, QE71 or Q series-compatible E71. For multidrop link, specify the module number of the requesting computer link module. For multidrop link via CPU COM communication, however, the module number of the requesting station is not needed (specify "0"(00x0)). Specify "0"(0x00) for other than multidrop link. For the QE71 and Q series-compatible E71, specify the relay target station number (fixed to "0"(0x00) for access within the own network). For access to another network via MELSECNET/10, specify the station number set in the parameter of the connected Ethernet module							
ActlONumber (LONG)	Specify the module I/O number. For multidrop link or intelligent special f (first I/O number÷16) of the target comp (specify the I/O number of the relayed of Specify "1023"(0x3FF) when making ac network.	unction module access, specify the actual I/O number outer link module or intelligent special function module or requesting station for multidrop link). ccess to another station via the own station CPU or						

Property Name	Description									
(Туре)	· · · · · · · · · · · · · · · · · · ·									
	Specify the target CPU to communicate with.									
	In the parameter, sp	the parameter, specify any of the CPU types in the following table.								
	Property valu	ue			Property val	ue				
	(Property window in	put va	alue)	Target CPU	(Property window in	put va	lue)	Target CPU		
	CPU type	Dec.	Hex.		CPU type	Dec. Hex.				
	CPU_Q00JCPU	48	0x30	Q00JCPU	CPU_A1SHCPU	261	0x105	A1SHCPU, A1SJHCPU		
	CPU_Q00UJCPU	128	0x80	Q00UJCPU	CPU_A1NCPU	262	0x106	A1NCPU		
	CPU_Q00CPU	49	0x31	Q00CPU				A2CCPU,		
	CPU_Q00UCPU	129	0x81	Q00UCPU	CPU_A2CCPU	263	0x107	A2CCPUC24(-PRF),		
	CPU_Q01CPU	50	0x32	Q01CPU				A2CJCPU		
	CPU_Q01UCPU	130	0x82	Q01UCPU		004	0.400	A2NCPU(-S1),		
	CPU_Q02CPU	34	0x22	Q02(H)CPU		204	0X108	A2SCPU(-S1)		
	CPU_Q06CPU	35	0x23	Q06HCPU	CPU_A2SHCPU	265	0x109	A2SHCPU(-S1)		
	CPU_Q12CPU	36	0x24	Q12HCPU	CPU_A3NCPU	266	0x10A	A3NCPU		
	CPU_Q25CPU	37	0x25	Q25HCPU		260	0.400	A2ACPU(-S1),		
	CPU_Q02PHCPU	69	0x45	Q02PHCPU		200	UXTUC	A2ACPUP21/R21(-S1)		
	CPU_Q06PHCPU	70	0x46	Q06PHCPU		260	0.400	A3ACPU,		
	CPU_Q12PHCPU	65	0x41	Q12PHCPU	СРО_АЗАСРО	269	UX10D	A3ACPUP21/R21		
	 CPU_Q25PHCPU	66	0x42	Q25PHCPU				A2UCPU(-S1).		
	CPU_Q02CPU_A	321	0x141	Q02(H)CPU-A	CPU_A2UCPU	270	0x10E	A2USCPU(-S1),		
	CPU_Q06CPU_A	322	0x142	Q06HCPU-A				A2ASCPU(-S1)		
	CPU_Q12PRHCPU	67	0x43	Q12PRHCPU		074	2.405	A2USHCPU-S1CPU,		
	 CPU_Q25PRHCPU	68	0x44	Q25PRHCPU	CPU_AZUSHSICPU	271	UXIUE	CPU board		
	 CPU_Q02UCPU	131	0x83	Q02UCPU		272	2-440	A3UCPU,		
	CPU_Q03UDCPU	112	0x70	Q03UDCPU			UXTTU	A2ASCPU-S30		
	CPU_Q04UDHCPU	113	0x71	Q04UDHCPU	CPU_A4UCPU	273	0x111	A4UCPU		
ActCpuType	CPU_Q06UDHCPU	114	0x72	Q06UDHCPU	CPU_FX0CPU	513	0x201	FX0CPU, FX0sCPU		
(LONG)	CPU_Q10UDHCPU	117	0x75	Q10UDHCPU	CPU_FX0NCPU	514	0x202	FX0NCPU		
	CPU_Q13UDHCPU	115	0x73	Q13UDHCPU	CPU_FX1CPU	515	0x203	FX₁CPU		
	CPU_Q20UDHCPU	118	0x76	Q20UDHCPU	CPU_FX2CPU	516	0x204	FXuCPU, FX2cCPU		
	CPU_Q26UDHCPU	116	0x74	Q26UDHCPU	CPU_FX2NCPU	517	0x205	FX2NCPU, FX2NCCPU		
	CPU_Q03UDECPU	144	0x90	Q03UDECPU	CPU_FX1SCPU	518	0x206	FX1sCPU		
	CPU_Q04UDEHCPU	145	0x91	Q04UDEHCPU	CPU_FX1NCPU	519	0x207	FX1NCPU, FX1NCCPU		
	CPU_Q06UDEHCPU	146	0x92	Q06UDEHCPU	CPU_FX3GCPU	521	0x209	FX3GCPU		
	CPU_Q10UDEHCPU	149	0x95	Q10UDEHCPU	CPU_FX3UCCPU	520	0x208	FX3UCPU, FX3UCCPU		
	CPU_Q13UDEHCPU	147	0x93	Q13UDEHCPU	CPU_A171SHCPU	1537	0x601	A171SHCPU		
	CPU_Q20UDEHCPU	150	0x96	Q20UDEHCPU	CPU_A172SHCPU	1538	0x602	A172SHCPU		
	CPU_Q26UDEHCPU	148	0x94	Q26UDEHCPU	CPU_A273UHCPU	1539	0x603	A273UHCPU(-S3)		
	CPU_QS001CPU	96	0x60	QS001CPU	CPU_A173UHCPU	1540	0x604	A173UHCPU(-S1)		
				Q2ACPU,	CPU_BOARD	1025	0x401	For own board access $*^1$		
	CPU_Q2ACPU	17	0x11	Q2ASCPU,	CPU_L02CPU	161	0xA1	L02CPU		
				Q2ASHCPU	CPU_L26CPUBT	162	0xA2	L26CPU-BT		
				Q2ACPU-S1,	CPU_Q50UDEHCPU	152	0x98	Q50UDEHCPU		
	CPU_Q2AS1CPU	18	0x12	Q2ASCPU(-S1),	CPU_Q100UDEHCPU	154	0x9A	Q100UDEHCPU		
				Q2ASHCPU(-S1)	CPU_Q12DCCPU-V	88	0x58	Q12DCCPU-V		
	CPU_Q3ACPU	19	0x13	Q3ACPU				*1: Except CPU board		
		20	0v14	Q4ACPU,						
		20	UX 14	Q4ARCPU						
	CPU_A0J2HCPU	258	0x102	A0J2HCPU						
	CPU_A1FXCPU	259	0x103	A1FXCPU						
				A1SCPU(-S1),						
	CPU_A1SCPU	260	0x104	A1SCPUC24-R2,						
				A1SJCPU						

Property Name(Type)	Description							
	Specify the connection port number of the IBM-PC/AT compatible.							
	When the Ethernet module is connected, set any value as the port number of the requesting							
	source (IBM-PC/AT compatible).							
	When "=0" was s	, pecified a	is the p	ort number, tl	ne Station No.↔ IP	information	system should	
	be the automatic	response	systen	n. (When the	system selected is	other than th	ne automatic	
	response system	via QE71	, you s	hould set the	fixed value "5001".))		
	Also, when the co	ontrol for r	network	board is use	d, specify the first b	oard as PO	RT_1, and the	
	second and subse	equent bo	bards a	s PORT_2, P	ORT_3			
	Prope	erty value						
	(Property win	ndow input	value)	C	Description			
ActPortNumber	Port number	Dec.	Hex.					
(LONG)	PORT_1	1	0x01	Comm	unication port 1			
	PORT_2	2	0x02	Comm	unication port 2			
	PORT_3	3	0x03	Comm	unication port 3			
	PORT_4	4	0x04	Comm	unication port 4			
	PORT_5	5	0x05	Comm	unication port 5			
	PORT_6	6	0x06	Comm	unication port 6			
	PORT_7	7	0x07	Comm	unication port 7			
	PORT_8	8	0x08	Comm	unication port 8			
	PORT_9	9	0x09	Comm	unication port 9			
	PORT_10	10	0x0A	Comm	unication port 10			
	Specify the baud	rate for c	ompute	r link commu	nication.			
	(Property wind	y value ow input va	alue)	Description	Property va (Property window i	alue nput value)	Description	
	BAUDRA	ATE 300			BAUDRATE	9600		
	(30)0)		300bps	(9600)		9600bps	
∆ctBaudRate	BAUDRA	ATE_600		600bpa	BAUDRATE_	19200	10200bpa	
(LONG)	(60	00)		ooonha	(19200)		19200005	
	BAUDRA	TE_1200		1200bps	BAUDRATE_	38400	38400bps	
	(12	00) TE 0.100			(38400)			
	BAUDRA (24	1E_2400		2400bps	BAUDRATE	57600	57600bps	
	BAUDRA	TF 4800			BAUDRATE 1	115200		
	(48	00)		4800bps	(115200)	115200bps	
ActDataBit(LONG)	Specify the numb	er of bits	(7 or 8)	of the byte d	ata sent and receive	ed for comp	uter link	
	communication.							
	Specify the parity	system u	ised for	computer lin	k communication.			
	Property value							
ActParity	(Property wir	ndow input	value)	L	Description			
	NO_PARITY	(0)			No parity			
	ODD_PARITY	(1)			Odd			
	EVEN_PARITY	(2)			Even			

Property Name(Type)								
	Specify the number of s	stop bi	ts used	I for computer II	ink communica	ation]	
	Property va		Descri	intion		ļ		
ActStopBit	(Property window ir	nput va	lue)	Descri	μιοπ			
(LONG)	STOPBIT_ONE (0)			1 stor	p bit		ļ	
	STOPBITS_TWO (2)			2 stop) bits			
						۱		
	Specify the control sett	ing of	the sigr	nal line.		_		
	Property va	lue						
	(Property window ir	<u>nput va</u>	lue)	Descri	iption			
ActControl	Control setting	Dec.	Hex.	ļ				
	TRC_DTR	1	0x01	DTR c	ontrol			
(LUNG)	TRC_RTS	2	0x02	RTS cr	ontrol			
	TRC_DRT_AND_RTS	7	0x07	DTR control an	d RTS control			
	TRC_DTR_OR_RTS	8	0x08	DTR control or	r RTS control			
						i 		
ActHostAddress(BSTR)	Pointer which indicates	the co	onnectio	on host name (I	IP address) for	Ethernet communication.		
∆ctCnuTimeOut(LONG)	Specify the CPU watch	dog tir	ner for	Ethernet comm	unication. (Un	it = "×250ms")		
	Specify the transmissio	<u>n wait</u>	ing time	e for computer I	ink communic	ation of FX. (Unit = " \times 10m	ns")	
	Set the time-out value of	comm	iunicatio	on between the i	BM-PC/AI con	npatible and programmable		
ActTimeOut(LONG)	WX Component may perform time-out processing internally depending on the communication path							
	For details, refer to "Appendix 3 Time-Out Periods".							
	Specify whether sumch	neck is	made	or not.				
	Valid only via computer link module.							
	Property va							
ActSumCheck	(Property window in	nout va	lue)	Descri	iption			
(LONG)	NO SUM_CHECK (0)	,	Without si	umcheck			
	SUM CHECK (1)		With sur	ncheck			
						l .		
A -tCoursesNotworkNlumber	Specify the requesting	netwo	rk num	ber when the Q	E71 or Q serie	es-compatible E71 is speci	ified.	
	Specify the same netw	ork nu	mber a	s for the connec	cted QE71 or (Q series-compatible E71		
(LUNG)	(network number speci	fied in	the net	work paramete	r).			
10 Otatian Number	Specify the requesting	station	1 numbe	er (IBM-PC/AT)	compatible sid	le station number) when th	ıe	
	QE/1 or Q series-comp	Datible	E/1 IS	specified.	her as that of t	be $\Omega E71$ set within the same	m 0	
(LONG)	Fthernet loon	etting	lite San	ne station numi			ne	
	Specify the port numbe	r of th	e targe	t when Etherne	t communicatio	on is specified.		
	For access to another	networ	rk, spec	ify the relay des	stination port n	number.		
	For other than the auto	matic	respon	se system, mak	e setting as in	dicated in the following tak	ble.	
	Cor	munic	ation			Cotting		
ActDestinationPort		Inunic	ation			Setung		
Number	QE71(UDP/IP) Fixed to "5001"					(ed to "5001"		
	O series-compatible	Other th	an Redi	undant CPU	+D	(ed to "5002"		
	E71(TCP/IP)	/ELSO	FT conn	ection * 1	Fix	(ed to "5002"		
	<u>`</u>)PS co	nnectior	1*1	Depending	on network parameter		
	Q series-compatible E7	'1(UDP	′/IP)		Fix	(ed to "5001"		
	* 1: For details, refer to the "Q Corresponding Ethernet Interface Module User's Manual (Basic)".							

Property Name(Type)		Description							
	For multidrop connection	For multidrop connection (via Q series-compatible C24/CC-Link), specify the actual I/O numbe							
ActDestinationIONumber	(first I/O÷16) of the last access target station. (When the target is the intelligent special function								
(LONG)	module)								
	When the target is the CPU, specify "1023"(0x3FF).								
ActMultiDropChannel	For multidrop connection	or multidrop connection (via Q series-compatible C24/CC-Link), specify the multidrop							
	connection channel nul	connection channel number (Ch1/Ch2).							
(LONG)	When making account								
			PUOLISE ActMnetHBD ActMnetGBD						
	ActONUDECPUTCP of	r ActQNUDF	CPUUDP control, specify as follows depending on types of						
	the relayed network.								
	When the control used	is other than	the above, this property is fixed to "Including						
ActThroughNetworkType	MELSECNET/10".								
(LONG)	Property value		Relayed network						
	0(0×00)	MELSECNET/H	only, CC-Link IE Controller Network only, or including						
	0(0x00) b	ooth MELSECN	ET/H and CC-Link IE Controller Network						
	1(0x01) li	ncluding MELS	ECNET/10						
	For multidrop connection	on (via Q serie	es-compatible C24/CC-Link), specify whether the network						
	or the multidrop link de	sunation will c	e relayed of not. (To differentiate the own network						
ActIntelligent									
PreferenceBit	Property value		Description						
(LONG)	0(0x00) A	0(0x00) Another network of multidrop link destination is not accessed.							
	1(0x01) Another network of multidrop link destination is accessed.								
ActDidPropertyBit	For access to the Q set special function module makes it unnecessary t module I/O number.)	ries-compatib e load on the to specify "Act	le own station intelligent special function module (intelligen own station CPU), making the following setting invalid tUnitNumber". (Only "ActIONumber" is used to specify the						
(LONG)	Property value		Description						
	0(0x00)	Module number	is made valid.						
	1(0x01)	Nodule number	is made invalid.						
ActDsidPropetyBit	For multidrop connection invalid makes it unnece However, when the follo (Use "ActUnitNumber"	on (via Q serie essary to spec owing setting to specify.)	es-compatible C24/CC-Link), making the following setting cify "ActDestinationIONumber". is made invalid, "ActDidPropertyBit" must be made valid.						
(LONG)	Property value		Description						
	0(0x00) I/	/O number of th	e last access target station is made valid.						
	1(0x01) l/	1(0x01) I/O number of the last access target station is made invalid.							
	Specify the packet type	e for communi	cation with the A series or QnA series Ethernet module.						
	Property va	lue	Description						
ActPacketType	(Property window ir	nput value)	Description						
(LONG)	PACKET_ASCII (2)	ASCII packet						
	PACKET_BINARY (3)	Binary packet						
			<u>.</u>						

Property Name(Type)	Description						
ActPassword (BSTR)	Specify a password to unlock the password lock set to a module that can be password locked such as the A6TEL, Q6TEL, Q series-compatible C24, Q series-compatible CMO, Q series-compatible E71 and Built-in Ethernet port QCPU. *1 *2 If the characters specified are other than alphanumeric, a character code conversion error (0xF1000001) occurs at execution of Open. This setting is ignored when ActEasyIF or ActMLEasyIF control is used and a module that can						
	be password locked is not used.						
ActConnectWay (LONG)	Set the connection system.						
	Property value (Property window input value) Connection system Dec Hex			Connection system *3			
	TEL AUTO CONNECT	0	0x00	Auto line connect			
	TEL AUTO CALLBACK	1	0x01	Auto line connect (Callback	(Callback fixation)		
	TEL_AUTO_CALLBACK_NUMBER	2	0x02	Auto line connect (Callback	Callback number specification)		
	TEL_CALLBACK	3	0x03	Callback connect (Fixation))		
	TEL_CALLBACKNUMBER	4	0x04	Callback connect (Number	specification)		
	TEL_CALLBACK_REQUEST	5	0x05	Callback request (Fixation)			
	TEL_CALLBACK_REQUEST_NUMBER	२ 6	0x06	Callback request (Number	specification)		
	TEL_CALLBACK_WAIT	7	0x07	Callback reception waiting			
ActATCommand (BSTR)	Specify the AT command that initializes the modem. If you set no value (do not enter the property value), the modem-standard AT command is used. You can set up to 70 characters *2.						
ActDialNumber (BSTR)	Specify the telephone number.						
ActOutsideLineNumber	Specify the number to access the outside line.						
(BSTR)	You can set up to 10 characters *2. (C	haract	ers tha	at can be set: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, -, *, #)			
ActCallbackNumber (BSTR)	Specify the callback telephone number. You can set up to 62 characters *2. (Characters that can be set: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, -, *, #) You need not set any value when the connection system (ActConnectWay) is other than auto line connect (callback number specification), callback connect (number specification) or callback request (number specification).						
ActLineType (LONG)	Recognizes the line type.						
	Property value (Property window input value) Line type Dec. Hex.	Description					
	LINETYPE_PULSE 0 0x00	Pulse (r	otary o	dial line)			
	LINETYPE_TONE 1 0x01	Tone (p	ushbu	tton dial line)			
	LINETYPE_ISDN 2 0x02	ISDN (I	SDN li	ne)	l		
ActConnectionCDWait Time (LONG)	Line connection CD signal confirmation Set the time for watching the ON/OFF Increase the set time if the CD signal of line-connected region (example: overs	on time of the does n	CD si ot turi	ignal line when the line is (Setting ra n ON within the preset tir	s connected. Inge: 1 to 999, unit: s) ne depending on the		

*1: Setting ActPassword is not needed if a password has not been set.

*2: If the characters entered exceed the limit of set characters, the characters outside the setting range are ignored.

*3: Only "Auto line connect" can be selected for the ActA6TEL, ActQ6TEL, ActFXCPUTEL and ActAJ71QC24TEL controls. For details of the connection system for use of the ActAJ71QC24TEL control, refer to "Appendix 1 About the Connection System of the Callback Function".

Property Name(Type)	Description			
	Line connection modem waiting time.			
ActConnectionModem	Set the waiting time for a result code response from the modem after line connection.			
ReportWaitTime (LONG)	(Setting range: 1 to 999, unit: s)			
	Increase the set time if the response speed of the modem is low.			
	Line disconnection CD signal confirmation time.			
ActDisconnectionCDWait	Set the time for watching the ON/OFF of the CD signal line when the line is disconnected.			
Time (LONG)	(Setting range: 1 to 999, unit: S)			
	the line-connected region (example: overseas)			
	line disconnection delay time.			
ActDisconnectionDelay Time (LONG)	Set the guard time (no communication time) of the escape command sent to the modem.			
	(Setting range: 1 to 999, unit: s)			
	Increase the set time if the response speed of the modem is low.			
ActTransmissionDelav	Data send delay time.			
	Set the time to be provided before the AT command is sent. (Setting range: 0 to 999, unit: s)			
Time (LONG)	Increase the set time if the error code (UXF2100008) is returned though the correct Ai			
	COMMAND NAS been set.			
	increase the set time in the response speed of the modern is low.			
ActATCommandResponse	AT command send response waiting time. (Setting range: 1 to 999, unit: s)			
Wait Lime (LONG)	Increase the set time if the response speed of the modem is low.			
ActPasswordCancel	Password cancel response waiting time. (Setting range: 1 to 999, unit: s)			
ResponseWaitTime	Increase the set time if the quality of the line with the other end is low.			
(LONG)				
ActA I Command Password	AT command/password cancel send retry count.			
(I ONG)	(Setting range: 1 to 999, unit: number of times)			
	Callback line disconnection waiting time. (Setting range: 1 to 180, unit: s)			
	Increase the set time if the line at the other end (Q series-compatible C24 is not disconnected			
ActCalibackCancelWalt Time (LONG)	within the preset time depending on the line-connected region (example: overseas).			
	You need not make this setting if the connection system (ActConnectWay) is other than			
	callback connect or callback request.			
	Callback execution delay time. (Setting range: 1 to 999, unit: s)			
ActCallbackDelayTime (LONG)	Increase the set time if the device for relaying connection to the line (example: modern or like)			
	You need not make this setting if the connection system (ActConnectWay) is other than			
	callback connect or callback request.			
ActCallbackReception WaitingTimeOut (LONG)	Callback receive waiting time-out period. (Setting range: 1 to 3600, unit: s)			
	Set the waiting time for a telephone line connection request from the Q series-compatible C24			
	in a callback receive waiting status.			
	If the set time has elapsed, the callback reception waiting status is exited, and since the			
	connection of the telephone line was not completed, the Connect function is terminated			
	abnormally.			
	callback recention waiting			
	Communication setting to the Built-in Ethernet port QCPU.			
	Specify "1"(0x01) for the direct communication without specifying the IP address.			
	Specify "0"(0x00) for the communication with specifying the IP address.			
(LONG)	The "ActHostAddress" setting may be invalid when the direct communication setting is made.			

Specify the connection destination simulator in start status. When connecting to FXCPU, specify "0"(0x00). Property value							
When connecting to FXCPU, specify "0"(0x00). Property value Description							
Property value Description							
Description	Property value						
(Property window input value)	Description						
None	None						
When only one simulator is in start status, connects to	When only one simulator is in start status, connects to the simulator in						
ActTargetSimulator 0(0x00) start status.	tart status.						
(LONG) When multiple simulators are in start status, searches	Vhen multiple simulators are in start status, searches for the						
simulators in start status and connects in alphabetical	simulators in start status and connects in alphabetical order.						
1(0x01) Simulator A	Simulator A						
2(0x02) Simulator B	Simulator B						
3(0x03) Simulator C	Simulator C						
4(0x04) Simulator D	Simulator D						
Specify the connection method between the IBM-PC/AT compatible and GOT.	Specify the connection method between the IBM-PC/AT compatible and GOT.						
Property value Connection method between the	Connection method between the IDM DC/AT						
(Property window input value)							
ActGotTransparentPCIf Connection method Dec. Hex.	1						
(LONG) GOT_PCIF_USB 1 0x01 Via the USB connection							
GOT_PCIF_SERIAL 2 0x02 Via the serial connection							
GOT_PCIF_ETHERNET 3 0x03 Via the Ethernet connection							
Specify the connection destination simulator in start status.							
When connecting to FXCPU, specify '0'.	When connecting to FXCPU, specify '0'.						
Property value Connection method between	COT and						
(Property window input value)	connection method between GOT and						
Connection method Dec. Hex.	liei						
COT PLOIE SERIAL OCPLIC 1 Ovol Connect to QCPU (Q-mode) via the	Connect to QCPU (Q-mode) via the serial						
connection							
GOT PLCIF SERIAL QCPUA 2 0x02 Connect to QCPU (A-mode) via the	serial						
GOT_PLCIF_SERIAL_QNACPU 3 0x03 Connect to QnACPU via the serial of	connection						
ActGotTransparentPLCIf	nection						
(LONG)	nnection						
GOT_PLCIF_SERIAL_LCPU 6 0x00 Connect to C24 medulo (0.171C24)	via the sorial						
GOT_PLCIF_SERIAL_QJ71C24 30 0x1E connection	via trie Seriai						
Connect to C24 module (L.171C24)	via the serial						
GOT_PLCIF_SERIAL_LJ71C24 31 0x1F connection	via the senai						
GOT PLCIF ETHERNET QJ71E71 50 0x32 Connect to Ethernet module (QJ71	E71) via Ethernet						
Connect to CC-Link IE Field Network	rk Ethernet						
adapter module via Ethernet							
GOT_PLCIF_ETHERNET_QCPU 70 0x46 Connect to QnUDE (H) CPU via Ethernet	nernet						
GOT_PLCIF_ETHERNET_CCPU 70 0x46 Connect to QnUDE (H) CPU via Ethernet GOT_PLCIF_ETHERNET_LCPU 71 0x47 Connect to LCPU via Ethernet	nernet						
3.3 Lists of Properties Possessed by the ACT Controls

This section lists the properties possessed by the ACT controls and their default values. How to use the manual in Section 3.3 is provided below.

<How to use the manual in Section 3.3> Configuration Sketch of system configuration 3 DETAILS OF THE ACT CONTROLS MELSOFT 3.3.2 ActQJ71E71TCP ctMLQJ71E71TCP control following table indicates the properties possessed by the ActQJ71E71TCP, J71E71TCP co) Configuration 2) Property patterns Relayed Station CPU QCPU QCPU QCPU QnA ACPL ble E71 module xc *1 CPU mod Relayed Ø 2 Property patterns 2 AELSECNET/10 2 2 Relayed Rela MELSECNET(II) C Indicates the accessible ranges of the used Ø Ø mouter link 3 control and the patterns of the properties. Property Patterns Default Vali 3 **(4**) 0 (0x00) Fixed to 0x00 Fixed to 0x00 ule statio Fixed to 0x00 34 _Q02CP tCpuType CPU type corres onding to target statio Farget station side or single CPU Target station sig or single CPU 0x3FF 0x3FF fa multiple CPUs For multi de CPUs ted CPU 0 Property list (1) Property Gives the property name. (2) Default value

- Gives the default value of the property.
- The default values used when the properties are changed in the program are given within the "parentheses".
- (3) Property pattern
 - Gives the property settings necessary to make communication settings. Refer to the "property pattern table" for the property pattern numbers.

POINT

The default values indicated are the property values shown in the property window of Visual Basic[®] or Visual C++[®].

The default values of the properties, whose values must be changed in other than decimal when changed in a program, are indicated in parentheses.

3.3.1 ActEasyIF, ActMLEasyIF control

The following table indicates the property possessed by the ActEasyIF, ActMLEasyIF control and its default value.

Property	Default Value	Property Pattern
ActLogicalStationNumber	0	Logical station number set on the communication settings utility
		Password set to the A6TEL, Q6TEL, Q series-compatible C24,
ActPassword *1*2	Empty	Q series-compatible E71 and Built-in Ethernet port QCPU,
		LCPU on the connected station side

*1: Setting ActPassword is not needed if a password has not been set.

*2: Invalid via GOT transparent connection since cannot connect to the connected station with a remote password.

POINT

Depending on the communication path (Ethernet communication, MELSECNET/10 communication, etc.), there will be restrictions as placed on the corresponding communication path controls.

For restrictions, refer to the corresponding communication path controls.

3.3.2 ActQJ71E71TCP, ActMLQJ71E71TCP control

The following table indicates the properties possessed by the ActQJ71E71TCP, ActMLQJ71E71TCP control and their default values.

(1) Configuration

(2) Property patterns

	Connected Station CPU		Relayed	Relayed Station CPU								
Connected Q series Relayed station CPU -compatible E71 module	QCPU (Q mode)	QS CPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
Relayed network			CC IE Control CC IE Field	2	②*3	② *5	② *2*3	×	×	×	\times	
		1	MELSECNET/H	2	2	\times	2*2	×	\times	×	\times	
	Û		MELSECNET/10	2	2	\times	2*2	2	2	2	\times	
		*2	MELSECNET(II)	×	\times	\times	×	×	\times	\times	\times	
IBM-PC/AT compatible			Ethernet	2	\times	\times	②∗2	×	2	\times	\times	
			Computer link	3*4	\times	3	×	×	\times	\times	\times	
			CC-Link	4	4	4	×	4	4	4	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible * 1: Including motion controller CPU.

* 2: Relayed stations cannot be accessed through the QSCPU.

- * 3: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.
- *4: The Redundant CPU is inaccessible to the computer link module which is on the main base.
- *5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Broporty	Default Value		Property Patterns								
Fioperty	Delault value	1	2	3	4						
ActConnectUnitNumber * 6	0 (0x00)	Fixed to 0(0x00)	Connected station side module station number	Fixed to 0(0x00)	Fixed to 0(0x00)						
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on						
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)						
ActDestinationPortNumber	5002 (0x138A)		5002 for MELSOFT connection Any port No. for OPS connection *7								

* 6: For access to another station via MELSECNET/10 (for the property pattern of ②), specify the station number of the connected station side Q series-compatible E71 set in the Ethernet parameter of the connected station side Q series-compatible E71.

*7: When using the OPS connection function for the Redundant CPU, specify any port No. that was set to the network parameter of the CPU. (The setting range is $1025 \le \text{port No.} \le 4999 \text{ or } 5003 \le \text{port No.} \le 65534$)

3 DETAILS OF THE ACT CONTROLS

Directo entré	Default		Property Patterns							
Ргорепу	Value	1	2	3	4					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)					
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)					
ActHostAddress	1.1.1.1	Host nam	e or IP address of connected	station side module	e					
ActIONumber * 8	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address					
ActMultiDropChannelNumber *9	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)					
ActNetworkNumber * 10	1 (0x01)	Network number of target station side module	Network number of target station side module	Connected station side Q series- compatible E71 network number	Connected station side Q series- compatible E71 network number					
ActPassword	Empty	Password set to the	ne Q series-compatible E71 c	on the connected sta	ation side					
ActSourceNetworkNumber * 11	1 (0x01)	IBI	M-PC/AT compatible side net	twork number						
ActSourceStationNumber * 12	2 (0x02)	IB	M-PC/AT compatible side sta	ation number						
ActStationNumber * 10	1 (0x01)	Connected station side module station number	Connected station side module station number	Connected station side Q series- compatible E71 station number	Connected station side Q series- compatible E71 station number					
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.								
ActTimeOut	10000	Any value specified by user in ms units.								
ActUnitNumber	0 (0x00)	Fixed to 0(0x00) Fixed to 0(0x00) Target station side number		Target station side module station number (valid)						

*8 : As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*9: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

* 10: For the property pattern of ① or ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

* 11: Specify the same network number as the MELSECNET/10 network number set to the Q series-compatible E71 in the Ethernet parameter setting of the target station side Q series-compatible E71.

* 12: Specify the station number on the IBM-PC/AT compatible side to avoid setting the same station number as set to the Q series-compatible E71 within the same Ethemet loop.

The following table indicates the properties possessed by the ActQJ71E71UDP, ActMLQJ71E71UDP control and their default values.

(1) Configuration

(2) Property patterns

	Connected Station CPU		Relayed	Relayed Station CPU								
Connected Q series Relayed station CPU -compatible E71 module	QCPU (Q mode)	QS CPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
]		CC IE Control	2	2 + 2	2	2	~	\times	×	\times	
Relayed helwork		① *2	CC IE Field		0 * 0	*5	*2*3	~	~	~	~	
			MELSECNET/H	2	2	\times	②*2	×	\times	×	\times	
			MELSECNET/10	2	2	\times	2*2	2	2	2	\times	
	Ū		MELSECNET(II)	×	\times	\times	\times	×	\times	×	\times	
IBM-PC/AT compatible			Ethernet	2	\times	\times	2*2	×	2	\times	\times	
			Computer link	3*4	\times	3	×	×	\times	×	\times	
			CC-Link	4	4	4	×	4	4	4	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Including motion controller CPU.

*2: Relayed stations cannot be accessed through the QSCPU.

* 3: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

Drenerti	Defeuth)/elue		Property Patterns									
Property	Default value	1	2	3	4							
ActConnectUnitNumber * 6	0 (0x00)	Fixed to 0(0x00)	Connected station side module station number	Fixed to 0(0x00)	Fixed to 0(0x00)							
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on							
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)							

(3) Property list

*6: For access to another station via MELSECNET/10 (for the property pattern of ②), specify the station number of the connected station side Q series-compatible E71 set in the Ethernet parameter of the connected station side Q series-compatible E71.

	Default		S					
Property	Value	1	2	3	4			
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActHostAddress	1.1.1.1	Host nan	ne or IP address of connecte	ed station side modu	le			
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address			
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)			
ActNetworkNumber * 9	1 (0x01)	Network number of target station side module	Network number of target station side module	Connected station side Q series- compatible E71 network number	Connected station side Q series- compatible E71 network number			
ActPassword	Empty	Password set to	the Q series-compatible E71	on the connected s	tation side			
ActPortNumber * 10	5001		IBM-PC/AT compatible side	port number				
ActSourceNetworkNumber * 10	1 (0x01)	IE	M-PC/AT compatible side n	etwork number				
ActSourceStationNumber * 12	2 (0x02)	11	BM-PC/AT compatible side s	station number				
ActStationNumber * 9	1 (0x01)	Target station side module station number	Target station side module station number	Connected station side Q series- compatible E71 station number	Connected station side Q series- compatible E71 station number			
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.						
ActTimeOut	10000		Any value specified by user	in ms units.				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00) Fixed to 0(0x00) Target station sid		Target station side module station number				

*7 : As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8 : Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

*9 : For the property pattern of ① or ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

* 10: Do not use 1 to 1024 of ActPortNumber.

* 11: Specify the same network number as the MELSECNET/10 network number set to the Q series-compatible E71 in the Ethernet parameter setting of the target station side Q series-compatible E71.

* 12: Specify the station number on the IBM-PC/AT compatible side to avoid setting the same station number as set to the Q series-compatible E71 within the same Ethemet loop.

^{1:} Channel 1

^{2:} Channel 2

3.3.4 ActAJ71QE71TCP, ActMLAJ71QE71TCP control

The following table indicates the properties possessed by the ActAJ71QE71TCP, ActMLAJ71QE71TCP control and their default values.

(1) Configuration



(2) Property patterns

onnected ation CPU	Relayed	Relayed Station CPU										
QnACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU			
	CC IE Control CC IE Field	×	×	×	\times	×	×	×	\times			
	MELSECNET/H	×	\times	×	\times	×	\times	×	\times			
	MELSECNET/10	×	×	\times	\times	×	2	×	\times			
Ū	MELSECNET(II)	×	\times	\times	\times	×	×	×	\times			
-	Ethernet	×	×	×	\times	×	\times	×	\times			
	Computer link	×	×	×	\times	×	×	×	\times			
	CC-Link	×	\times	\times	\times	×	\times	×	\times			

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

(3) Property list

Droporti	Default \/alua	Property	Patterns
Property	Delault value	1	2
ActCpuTimeOut	40	Any value specified b	y user in 250ms units
ActCpuType	17 (CPU_Q2ACPU)	CPU type correspon	ding to target station
ActDestinationPortNumber	1280 (0x500)	Port number of connect	ted station side module
ActHostAddress	1.1.1.1	Host name or IP address of c	onnected station side module
ActNetworkNumber	0 (0x00)	0(0x00)	Target station side module network number
ActPacketType	2 (PACKET_ASCII)	PACKET_ASCII(2) or	PACKET_BINARY(3)
ActStationNumber	255 (0xFF)	255(0xFF)	Target station side module station number
ActTimeOut	10000	Any value specified	by user in ms units

3.3.5 ActAJ71QE71UDP, ActMLAJ71QE71UDP control

The following table indicates the properties possessed by the ActAJ71QE71UDP, ActMLAJ71QE71UDP control and their default values.

(1) Configuration



(2) Property patterns

Connected Station CPU	Relayed		Relayed Station CPU										
QnACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU				
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×				
	MELSECNET/H	\times	\times	\times	\times	\times	\times	\times	\times				
	MELSECNET/10	×	\times	\times	\times	×	2	\times	\times				
	MELSECNET(II)	×	\times	\times	\times	×	\times	\times	\times				
	Ethernet	×	\times	\times	\times	×	2	\times	\times				
	Computer link	×	\times	\times	\times	×	3	\times	\times				
	CC-Link	×	\times	\times	\times	×	\times	\times	\times				

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

(3) Property list

Description	DefaultMakes		Property Patterns	
Ριορειτλ	Default value	1	2	3
ActConnectUnitNumber * 2	0 (0x00)	Fixed to 0(0x00)	Connected station side module station number	Fixed to 0(0x00)
ActCpuType	17 (CPU_Q2ACPU)	CPU	type corresponding to target	station
ActHostAddress	1.1.1.1	Host name or	IP address of connected stat	tion side module
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF) Fixed to 1023(0x3FF)	
ActNetworkNumber * 4	1 (0x01)	Target station side module network number	Target station side module network number	Connected station side QE71 network number
ActPortNumber *5 *6	5001	IBM-	PC/AT compatible side port r	number
ActSourceNetworkNumber * 7	1 (0x01)	IBM-PC	C/AT compatible side networl	k number
ActSourceStationNumber * 8	2 (0x02)	IBM-P	C/AT compatible side station	ı number
ActStationNumber * 4	1 (0x01)	Target station side module station number	Target station side module station number	Connected station side QE71 station number
ActHostAddress	1.1.1.1	Host name or	IP address of connected stat	tion side module
ActTimeOut	10000	Any	value specified by user in ma	s units
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number

*2: For access to another station via MELSECNET/10 (for the property pattern of ②), specify the station number of the connected station side QE71 set in the Ethernet parameter of the connected station side QE71.

* 3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*4: For the property pattern of ① or ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

* 5: Specify fixed "5001" when the Ethernet parameter setting of the connected station side QE71 is other than the "automatic response system". Specify fixed "0" when the Ethernet parameter setting of the connected station side QE71 is the "automatic response system".

* 6: Do not use 1 to 1024 of ActPortNumber.

*7: Specify the same network number as the MELSECNET/10 network number set to the QE71 in the Ethernet parameter setting of the target station side QE71.

*8: Specify the station number on the IBM-PC/AT compatible side to avoid setting the same station number as set to the QE71 within the same Ethernet loop.

3.3.6 ActAJ71E71TCP, ActMLAJ71E71TCP control

The following table indicates the properties possessed by the ActAJ71E71TCP, ActMLAJ71E71TCP control and their default values.

(1) Configuration



			Con Static	Connected Station CPU		Relayed	Relayed Station CPU								
Connected station CPU	E71	Relayed module	QCPU (A mode)	QnA CPU	ACPU *1	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	d network				CC IE Control CC IE Field	×	×	×	×	×	×	×	\times		
Relayed Relayed	Relaved				MELSECNET/H	×	×	×	\times	×	×	×	×		
	station CPL	J module	1	1	1	MELSECNET/10	×	×	×	×	2	②*2 ②*2	2	×	
IBM-PC/AT compatible						Ethernet	×	×	×	×	×	× ×	×	×	
					Computer link	×	×	\times	×	\times	\times	\times	\times		
					CC-Link	×	\times	\times	\times	\times	×	\times	\times		

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Including motion controller CPU.

*2: Operates as the one equivalent to AnACPU.

Drenerti	Defeult) (alua	Property	Patterns					
Property	Default value	1	2					
ActCpuTimeOut	40	Any value specified b	y user in 250ms units					
ActCpuType	262 (CPU_A1NCPU)	CPU type correspon	CPU type corresponding to target station					
ActDestinationPortNumber	1280 (0x500)	Port number of connec	Port number of connected station side module					
ActHostAddress	1.1.1.1	Host name or IP address of c	connected station side module					
ActPacketType	2 (PACKET_ASCII)	PACKET_ASCII(2) or	PACKET_BINARY(3)					
ActStationNumber * 3	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number					
ActTimeOut	10000	Any value specified	Any value specified by user in ms units					

(3) Property list

* 3: Note the following points depending on whether the connected station side MELSECNET/10 module is the control station or ordinary station. When the connected station side MELSECNET/10 module is the control station Specify the actual station number of the target station side MELSECNET/10 module in ActStationNumber. When the connected station side MELSECNET/10 module is the ordinary station..... Always set the target station side MELSECNET/10 module

as the control station and specify "0x00" in ActStationNumber.

3.3.7 ActAJ71E71UDP, ActMLAJ71E71UDP control

The following table indicates the properties possessed by the ActAJ71E71UDP, ActMLAJ71E71UDP control and their default values.

(1) Configuration



			Con Static	Connected Station CPU Relayed			Relayed Station CPU							
Connected	E71	Relayed	QCPU (A mode)	QnA CPU	ACPU * 1	Network	QCPU	Q12DC CPU-V	LCPU	QS CPU	QCPU	QnA CPU	ACPU * 1	FX CPU
	(*******)			CC IE Control CC IE Field	×	×	×	×	× (************************************	×	×	×		
		Bolovod				MELSECNET/H	×	×	×	\times	\times	×	×	×
	station CPL	J module	n			MELSECNET/10	×	×	×	\times	2	2*2	2	\times
			U	\cup	U	MELSECNET(II)	×	×	\times	\times	2	2*2	2	\times
IBM-PC/AT compatible						Ethernet	×	\times	\times	\times	\times	\times	\times	\times
					Computer link	×	×	×	\times	\times	×	\times	\times	
						CC-Link	\times	×	\times	\times	\times	\times	\times	\times

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

*1: Including motion controller CPU.

*2: Operates as the one equivalent to AnACPU.

Dreset	Defeuilt) (elue	Property	Patterns					
Ргорепу	Default value	1	2					
ActCpuTimeOut	40	Any value specified b	by user in 250ms units					
ActCpuType	262 (CPU_A1NCPU)	CPU type correspor	nding to target station					
ActDestinationPortNumber	1280 (0x500)	Port number of connec	Port number of connected station side module					
ActHostAddress	1.1.1.1	Host name or IP address of o	connected station side module					
ActPacketType	3 (PACKET_BINARY)	PACKET_ASCII(2) or	PACKET_BINARY(3)					
ActPortNumber * 3	0	IBM-PC/AT compati	ble side port number					
ActStationNumber * 4	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number					
ActTimeOut	10000	Any value specified	Any value specified by user in ms units					

(3) Property list

* 3: 0 The free port number of the IBM-PC/AT compatible is assigned automatically. Other than 0 The specified port number is used to generate the UDP socket.

Do not use 1 to 1024 of ActPortNumber.

*4: Note the following points depending on whether the connected station side MELSECNET/10 module is the control station or ordinary station. When the connected station side MELSECNET/10 module is the control station ... Specify the actual station number of the target station side MELSECNET/10 module in ActStationNumber.

When the connected station side MELSECNET/10 module is the ordinary station ... Always set the target station side MELSECNET/10 module as the control station and specify "0x00" in ActStationNumber.

3.3.8 ActQNUDECPUTCP, ActMLQNUDECPUTCP control

The following table indicates the properties possessed by the ActQNUDECPUTCP, ActMLQNUDECPUTCP control and their default values.

(1) Configuration

(2) Property patterns

	Connected Station CPU Relayed		Relayed Station CPU							
Connected Relayed station CPU module	QnUDE(H)	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
Relayed network		CC IE Control CC IE Field	2	2*2	② *4	2*2	×	×	×	×
		MELSECNET/H	2	2	\times	2	×	\times	×	\times
Relayed Relayed		MELSECNET/10	2	2	×	2	2	2	2	\times
		MELSECNET(II)	×	×	×	×	2	2	2	\times
IBM-PC/AT compatible		Ethernet	2	\times	\times	2	×	\times	×	\times
		Computer link	3*3	\times	3	\times	\times	2	\times	\times
		CC-Link	4	4	4	×	\times	\times	×	\times
	Connected Station CPU	Relayed			Relay	/ed Sta	tion CPU			
	Connected Station CPU Q12DC CPU-V	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	Relay	/ed Sta QS CPU	tion CPU QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field	QCPU (Q mode) ②	Q12DC CPU-V ② * 2	Relay LCPU ② *4	ved Sta QS CPU ② * 2	tion CPU QCPU (A mode) ×	QnA CPU ×	ACPU *1 ×	FX CPU ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H	QCPU (Q mode) ② ②	Q12DC CPU-V ② * 2 ②	Relay	ved Sta QS CPU ② * 2 ②	tion CPU QCPU (A mode) × ×	QnA CPU ×	ACPU *1 ×	FX CPU ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) ② ② ②	Q12DC CPU-V ② * 2 ② ②	Relay	ved Star QS CPU ② * 2 ② ②	tion CPU QCPU (A mode) × × 2	QnA CPU × 2	ACPU * 1 × ×	FX CPU × ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode) ② ② ② ×	Q12DC CPU-V ② * 2 ② ② ×	Relay	ved Sta QS CPU ② * 2 ② ② ×	tion CPU QCPU (A mode) × × 2 ×	QnA CPU × 2 ×	ACPU *1 × 2 ×	FX CPU × × ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode) ② ② ② × ×	Q12DC CPU-V ② * 2 ② × ×	Relay	ved Sta QS CPU ② *2 ② ② × ×	tion CPU (A mode) × 2 × × 2 ×	QnA CPU × ② ×	ACPU *1 × 2 × ×	FX CPU × × × ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode) ② ② ② × ×	Q12DC CPU-V ② * 2 ② ② × × ×	Relay	ved Sta QS CPU ② * 2 ② ② × × × ×	tion CPU (A mode) × × (2) × × × ×	QnA CPU × ② × ×	ACPU *1 × 2 × × × ×	FX CPU × × × × ×

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

*2: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

PropertyDefault Value①②③④ActCpuType144 (CPU_Q03UDECPU)CPU type corresponding to target stationTarget station side For single CPU Fixed to 1023(0x3FF)Target station side For single CPU Fixed to 1023(0x3FF)Target station side For multiple CPUs Connected CPU: 1023(0x3FF)Target station side For multiple CPUs Connected CPU: 1023(0x3FF)Target station side For multiple CPUs Connected CPU: 1023(0x3FF)ActDestinationIONumber0 (0x00)Fixed to 0(0x00)Fixed to 0(0x00)Fixed to 0(0x00)No. 1: 992(0x3E1) No. 2: 993(0x3E1)No. 2: 993(0x3E1) No. 2: 993(0x3E1)ActDestinationIONumber0 (0x00)Fixed to 0(0x00)Fixed to 0(0x00)No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification:Target station side Control system: 976(0x3D0)	Dranarty	Default \/alua			Property Patterns	
ActCpuType144 (CPU_Q03UDECPU)CPU type corresponding to target stationActCpuTypeCPU type corresponding to target station side For single CPU Fixed to 1023(0x3FF)Target station side For single CPU Fixed to 1023(0x3FF)Target station side For multiple CPUs Connected CPU: 1023(0x3FF)Target station side For multiple CPUs Connected CPU: 1023(0x3FF)ActDestinationIONumber0 (0x00)Fixed to 0(0x00)Fixed to 0(0x00)Fixed to 0(0x00)No. 1: 992(0x3E0) No. 1: 992(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification:Target station side For single CPU For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification:Target station side Control system: 976(0x3D0) No specification:	Property	Delault value	1	2	3	4
0 (0x00)Fixed to 0(0x00)Fixed to 0(0x00)Target station side For single CPU Fixed to 1023(0x3FF)Target station side For single CPU Fixed to 1023(0x3FF)ActDestinationIONumber0 (0x00)Fixed to 0(0x00)Fixed to 0(0x00)Fixed to 0(0x00)No. 1: 992(0x3E0) No. 1: 992(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)No. 2: 993(0x3E1) No. 4: 995(0x3E3)No. 2: 993(0x3E1) No. 4: 995(0x3E3)For Redundant CPU Target station side Control system: 976(0x3D0)For Redundant CPU No specification:For Redundant CPU Target station side Control system: 076(0x3D0)	ActCpuType	144 (CPU_Q03UDECPU)		CPU type of	corresponding to target sta	tion
1023(0x3FF) 1023(0x3FF) (To the payt page	ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E2) No. 2: 993(0x3E2) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)

Dreasert	Default	Property Patterns						
Property	Value	1	2	3	4			
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActHostAddress	1.1.1.1	Host na	ame or IP address of connect	cted station side modu	lle			
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)			
ActIONumber * 5	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address			
ActMultiDropChannelNumber *6	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)			
ActNetworkNumber * 7	0 (0x00)	Fixed to 0(0x00)	Network number of target station side module	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActPassword	Empty		Password set to the connect	cted station side				
ActStationNumber * 7	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)			
ActThroughNetworkType	0 (0x00)	Refer to t	he property [ActThroughNet	tworkType] in Section	3.2.			
ActTimeOut	10000		Any value specified by us	er in ms units.				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number			

 \pm 5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

 \ast 6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*7: For the property pattern of ① or ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

3.3.9 ActQNUDECPUUDP, ActMLQNUDECPUUDP control

The following table indicates the properties possessed by the ActQNUDECPUUDP, ActMLQNUDECPUUDP control and their default values.

POINT

This control can also make direct communication without specifying the IP address of the connected station (Built-in Ethernet port QCPU).

(1) Configuration

(2)	Property	patterns
-----	----------	----------

	Connected Station CPU Relayed		Relayed Station CPU							
Connected Relayed station CPU module	QnUDE(H)	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
Relayed network		CC IE Control CC IE Field	2	2*2	② *4	2*2	×	×	×	×
		MELSECNET/H	2	2	×	2	×	\times	×	\times
Relayed Relayed	1	MELSECNET/10	2	2	\times	2	2	2	2	\times
		MELSECNET(II)	×	\times	×	\times	2	2	2	\times
IBM-PC/AT compatible		Ethernet	2	\times	\times	2	\times	\times	\times	\times
		Computer link	3*3	\times	3	\times	\times	2	\times	\times
		CC-Link	4	4	4	\times	\times	\times	\times	\times
	Connected Station CPU Relayed		Relayed Station CPU							
	Q12DC CPU-V	Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
			(Q mode)	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU
		CC IE Control CC IE Field	2	2*2	② *4	@*2	×	×	×	×
		MELSECNET/H	2	2	×	2	×	\times	×	\times
	1	MELSECNET/10	2	2	\times	2	2	2	2	\times
	Ū	MELSECNET(II)	×	\times	\times	\times	\times	\times	×	\times
		Ethernet	\times	\times	\times	\times	\times	\times	\times	\times
		Computer link	×	×	×	\times	\times	\times	\times	\times
		CC-Link	4	4	4	\times	\times	\times	\times	\times
		○ : Ao	ccessible	(Proper	ty pat	tern wit	hin circle), × :	Inacce	essible

* 1: Including motion controller CPU.

*2: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Property	Default Value	Property Patterns						
Flopenty	Delault value	1	2	3	4			
ActCpuType	144 (CPU_Q03UDECPU)		CPU type	corresponding to target sta	tion			

Dren ert i	Default		Property Patterns					
Property	Value	1	2	3	4			
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)			
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActHostAddress	1.1.1.1	Hos	t name or IP address of c	onnected station side CPU	*8			
ActIntelligent PreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)			
ActIONumber * 5	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address			
ActMultiDrop ChannelNumber * 6	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)			
ActNetworkNumber * 7	0 (0x00)	Fixed to 0(0x00)	Network number of target station side module	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActPassword	Empty		Password set to the o	connected station side				
ActStationNumber * 7	0 (0x00)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)			
ActThroughNetworkType	0 (0x00)	Refe	r to the property [ActThrou	ighNetworkType] in Section	n 3.2.			
ActTimeOut	10000		Any value specified	by user in ms units.				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number			
ActDirectConnectBit	0 (0x00)		Communication with IP a Direct communication wit	thout IP address : 0(0x00)				

*5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*7: For the property pattern of ① or ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

*8: Invalid with direct communication without specifying the IP address.

3.3.10 ActCCIEFADPTCP, ActMLCCIEFADPTCP control

The following table indicates the properties possessed by the ActCCIEFADPTCP, ActMLCCIEFADPTCP control and their default values.

(1) Configuration

(2) Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU							
Connected CC-Link IE Field Relayed	QnUDE(H)	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU
station CPU Network module module		CC IE Control CC IE Field	2	2*2	② *3	×	×	×	×	×
		MELSECNET/H	2	2	\times	×	×	\times	×	\times
IBM-PC/AT Ethernet adapter module station CPU module	(Î)	MELSECNET/10	2	2	\times	\times	×	\times	×	\times
compatible		MELSECNET(II)	×	×	\times	×	×	\times	×	\times
		Ethernet	2	×	\times	×	×	\times	×	\times
		Computer link	3	\times	3	\times	\times	\times	\times	\times
		CC-Link	4	4	4	×	\times	\times	×	\times
	Connected Station CPU	Relayed	Relayed Station CPU							
		Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
	LCPU		(Q mode)	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU
		CC IE Field * 3	2	\times	2	\times	\times	\times	\times	\times
		MELSECNET/H	\times	×	\times	×	\times	\times	\times	\times
		MELSECNET/10	\times	\times	\times	×	\times	\times	\times	\times
	1	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times
		Ethernet	×	×	\times	×	×	\times	\times	\times
		Computer link	3	\times	3	\times	\times	\times	\times	\times
		CC-Link	4	4	4	×	\times	\times	\times	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible *1: Including motion controller CPU.

*2: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Drenerty	Defeutblie		Property Patterns						
Property	Default value	1	2	3	4				
ActCpuType	144 (CPU_Q03UDECPU)		CPU type	corresponding to target sta	tion				
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)				

Dressents	Default		Property	Patterns			
Property	Value	1	2	3	4		
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActHostAddress	1.1.1.1	Host name or I	P address of CC-Link IE	Field Network Ethernet	adapter module		
ActIntelligentPreferenceBit	0 (0x00)		Fixed to	0(0x00)			
ActlONumber * 4	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address		
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)		
ActNetworkNumber * 6	1 (0x01)	Connected station side CC-Link IE Field Network module network number	Network number of target station side module	Connected station side CC-Link IE Field Network module network number	Connected station side CC-Link IE Field Network module network number		
ActStationNumber * 6	0 (0x00)	Connected station side CC-Link IE Field Network module station number	Target station side module station number	Connected station side CC-Link IE Field Network module station number	Connected station side CC-Link IE Field Network module station number		
ActThroughNetworkType	0 (0x00)	Refer t	tefer to the property [ActThroughNetworkType] in Section 3.2.				
ActTimeOut	10000		Any value specified	by user in ms units.			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number		

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*6: For the property pattern of ①, ③, or ④, specify the parameter value set to the CC-Link IE Field Network module on the connected station side for ActNetworkNumber and ActStationNumber.

For the property pattern of ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

3.3.11 ActCCIEFADPUDP, ActMLCCIEFADPUDP control

The following table indicates the properties possessed by the ActCCIEFADPUDP, ActMLCCIEFADPUDP control and their default values.

(1) Configuration

(2) Property patterns

			Connected Station CPU Relayed				Relay	red Sta	tion CPU			
	Connected CC-Link IE Fi	nected CC-Link IE Field Relayed	QnUDE(H)	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	station CPU Network modu	Relayed network		CC IE Control CC IE Field	2	②*2	② *3	×	×	×	×	×
		Relayed Relayed		MELSECNET/H	2	2	\times	×	×	\times	×	\times
IBM-PC/AT	Ethernet adapter module	station CPU module	1)	MELSECNET/10	2	2	\times	\times	\times	\times	\times	\times
compatible			Ū	MELSECNET(II)	×	×	\times	×	\times	\times	\times	\times
				Ethernet	2	\times	\times	\times	\times	\times	\times	\times
			Computer link	3	\times	3	\times	\times	\times	\times	\times	
				CC-Link	4	4	4	\times	×	\times	\times	\times
			Connected Station CPU	Relayed	Relayed Station CPU							
				Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
			LCFU		(Q mode)	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU
				CC IE Field * 3	2	\times	2	×	\times	\times	\times	\times
				MELSECNET/H	×	×	\times	\times	×	\times	\times	\times
				MELSECNET/10	×	×	\times	\times	\times	\times	\times	\times
		(1)	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times	
				Ethernet	×	×	\times	×	×	\times	\times	\times
			C	Computer link	3	\times	3	\times	\times	\times	\times	\times
				CC-Link	4	4	4	×	\times	\times	\times	\times

 \bigcirc : Accessible (Property pattern within circle), $\,\times\,$: Inaccessible

* 1: Including motion controller CPU.
* 2: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Drenerty	DefeuthValue		Property Patterns							
Property	Default value	1	2	3	4					
ActCpuType	144 (CPU_Q03UDECPU)	CPU type corresponding to target station								
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)					

Dressents	Default		Property	Patterns	
Property	Value	1	2	3	4
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActHostAddress	1.1.1.1	Host name or IP	address of CC-Link IE F	ield Network Ethernet ad	lapter module * 7
ActIntelligentPreferenceBit	0 (0x00)		Fixed to	0(0x00)	
ActlONumber * 4	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)
ActNetworkNumber * 6	1 (0x01)	Connected station side CC-Link IE Field Network module network number	Network number of target station side module	Connected station side CC-Link IE Field Network module network number	Connected station side CC-Link IE Field Network module network number
ActStationNumber * 6	0 (0x00)	Connected station side CC-Link IE Field Network module station number	Target station side module station number	Connected station side CC-Link IE Field Network module station number	Connected station side CC-Link IE Field Network module station number
ActThroughNetworkType	0 (0x00)	Refer t	o the property [ActThrou	ghNetworkType] in Secti	on 3.2.
ActTimeOut	10000		Any value specified	by user in ms units.	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*6: For the property pattern of ①, ③, or ④, specify the parameter value set to the CC-Link IE Field Network module on the connected station side for ActNetworkNumber and ActStationNumber.

For the property pattern of ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber. *7: Invalid with direct communication without specifying the IP address.

3.3.12 ActLCPUTCP, ActMLLCPUTCP control

The following table indicates the properties possessed by the ActLCPUTCP, ActMLLCPUTCP control and their default values.

(1) Configuration

(2) Property patterns

			Connected Station CPU	Relayed	Relayed Station CPU							
Connected station CPU	Connected	Relayed	LCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	module		CC IE Field * 3	4	\times	4	\times	×	×	\times	\times	
Relaved network		network		MELSECNET/H	×	\times	\times	\times	\times	×	×	\times
IBM-PC/AT compa	tible			MELSECNET/10	×	\times	\times	\times	×	\times	\times	\times
Γ	Relayed	Relayed	1	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times
	station CPU	module		Ethernet	\times	\times	\times	\times	×	\times	\times	\times
				Computer link	②*2	\times	2	\times	×	\times	\times	\times
				CC-Link	3	3	3	\times	×	\times	×	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

- * 1: Including motion controller CPU.
- *2: The Redundant CPU is inaccessible to the computer link module which is on the main base.
- *3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Droporty	Default		Property Patterns							
Property	Default value	1	2	3	4					
ActCpuType	161 (CPU_ L02CPU)		CPU type correspor	e corresponding to target station						
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification :1023(0x3FF)	Fixed to 0(0x00)					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)					
ActDsidPropertyBit 1 Fixed to Fixed to (0x01) 1(0x01) 0(0x00) 0(0x00)		Fixed to 0(0x00)	Fixed to 1(0x01)							
ActHostAddress	1.1.1.1		Host name or IP address of c	connected station side module						

Dresert	Default		Prope	erty Patterns	
Ргорепту	Value	1	2	3	(4)
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Fixed to 0(0x00)
ActIONumber * 4	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActNetworkNumber * 6	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Network number of target station side module
ActPassword	Empty		Password set to th	e connected station sid	de
ActStationNumber * 6	255 (0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Target station side module station number
ActThroughNetworkType	0 (0x00)	Refer	to the property [ActTh	roughNetworkType] in	Section 3.2.
ActTimeOut	10000		Any value specifi	ied by user in ms units.	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)

*4 : As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5 : Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*6 : For the property pattern of ① or ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

3.3.13 ActLCPUUDP, ActMLLCPUUDP control

The following table indicates the properties possessed by the ActLCPUUDP, ActMLLCPUUDP control and their default values.

(1) Configuration

(2) Property patterns

		Connected Station CPU	Relayed	Relayed Station CPU								
Connected station CPU	Connected	Relayed	LCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	module		CC IE Field * 3	4	\times	4	\times	×	×	×	\times	
Belaved network		network		MELSECNET/H	×	\times	\times	\times	\times	×	\times	\times
IBM-PC/AT compa	tible			MELSECNET/10	×	\times	\times	\times	×	\times	\times	\times
	Relayed	Relayed	1	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times
	station CPU	module		Ethernet	×	\times	\times	\times	×	×	\times	\times
		<u> </u>		Computer link	②*2	\times	2	\times	×	\times	×	\times
		L		CC-Link	3	3	3	×	×	\times	×	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

- * 1: Including motion controller CPU.
- *2: The Redundant CPU is inaccessible to the computer link module which is on the main base.
- *3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Droporty	Default \ (alua		Property	Patterns				
Property	Delault value	1	2	3	4			
ActCpuType	161 (CPU_L02CPU)		CPU type correspon	sponding to target station				
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)	Fixed to 0(0x00)			
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)			
ActDirectConnectionBit	0 (0x00)		Communication with IP address : 0(0x00) Direct communication without IP address : 1(0x01)					
ActDsidPropertyBit	ActDsidPropertyBit 1 Fixed to (0x01) Fixed to 1(0x01) Fixed to 0(0x00) Fixed to 0(0x00)		Fixed to 0(0x00)	Fixed to 1(0x01)				
ActHostAddress	1.1.1.1		Host name or IP address of cor	nnected station side module *4				

Droperty	Default		Prop	perty Patterns	
Property	Value	1	2	3	4
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Fixed to 0(0x00)
ActIONumber * 5	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)
ActMultiDropChannelNumber *6	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActNetworkNumber * 7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Network number of target station side module
ActPassword	Empty		Password set to	the connected station sid	le
ActStationNumber * 7	255 (0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Target station side module station number
ActThroughNetworkType	0 (0x00)	Re	efer to the property [ActT	hroughNetworkType] in	Section 3.2.
ActTimeOut	10000		Any value spec	ified by user in ms units.	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)

*5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*6 : Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*7 : For the property pattern of ① or ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

3.3.14 ActQCPUQ, ActMLQCPUQ control

The following table indicates the properties possessed by the ActQCPUQ, ActMLQCPUQ control and their default values.

(1) Configuration

IBM-PC/AT con

(2) Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU								
]	QCPU		QCPU	Q12DC	I CPU	QS	QCPU	QnA	ACPU	FX	
Connected Relayed	(Q mode)		(Q mode)	CPU-V	201 0	CPU	(A mode)	CPU	*1	CPU	
station CPU module		CC IE Control CC IE Field	2	2*2	② *3	2*2	×	×	×	\times	
patible Relayed network		MELSECNET/H	2	2	\times	2	×	×	\times	\times	
	1	MELSECNET/10	2	2	\times	2	2	2	2	\times	
Relayed Relayed		MELSECNET(II)	×	\times	\times	\times	×	\times	\times	\times	
station CPU module		Ethernet	2	\times	\times	2	×	2	\times	\times	
		Computer link	3*6	\times	3	×	×	3	\times	\times	
		CC-Link	4	4	4	×	<u>(4)</u> *4	4 *4	4 *4	4 *5	

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

- * 1: Including motion controller CPU.
- *2: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.
- *3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.
- *4: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later.
- $*\,$ 5: Compatible with FX3G and FX3U(C), and within the own network.
- *6: The Redundant CPU is inaccessible to the computer link module which is on the main base.

		Property Patterns								
Property	Default Value	1	2 *7	3	4					
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400, BAUDRATE_57600, BAUDRATE_115200								
ActControl	8 (TRC_DTR_OR_RTS)		Depending on used cable.							
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station								
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)					

*7: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

(3) Property list

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

Descents	Default		Property Pat	terns	
Ргорепту	Value	1	②*7	3	4
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)
ActIONumber * 8	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address
ActMultiDropChannelNumber *9	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActPortNumber	1 (PORT_1)	IE	3M-PC/AT compatible side	e COM port number	
ActStationNumber 255 (0xFF) Fixed to 255(0xFF		Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)
ActThroughNetworkType 0 (0x00) Refer to		he property [ActThroughN	letworkType] in Section	on 3.2.	
ActTimeOut	10000		Any value specified by	user in ms units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number

*7: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*8: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*9: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

The following table indicates the properties possessed by the ActLCPU, ActMLLCPU control and their default values.

(1) Configuration

(2) Property patterns

			Connected Station CPU Relayed		Relayed Station CPU								
Connected Relayer station CPU modul	Relayed	LCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
	module		CC IE Field * 3	4	\times	4	\times	×	\times	×	\times		
	network		MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times		
IBM-PC/AT compatible				MELSECNET/10	\times	\times	\times	\times	\times	\times	\times	\times	
I	Relayed	Relayed	1	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times	
	station CPU n	module		Ethernet	\times	\times	\times	\times	\times	\times	\times	\times	
<u> </u>			Computer link	②*2	\times	2	\times	×	2	\times	\times		
				CC-Link	3	3	3	\times	3	3	3	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

- * 1: Including motion controller CPU.
- *2: The Redundant CPU is inaccessible to the computer link module which is on the main base.
- *3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Droporty	Default Value		Propert	y Patterns	
Property	Default value	1	2	3	4
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_	9600, BAUDRATE_19200, BAUDRA	, BAUDRATE_38400, BAU TE_115200	JDRATE_57600,
ActControl	8 (TRC_DTR_OR_RTS)		Depending	on used cable	
ActCpuType	161 (CPU_L02CPU)	nding to target station			
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Fixed to 0(0x00)
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)
ActDsidPropertyBit (0x01) 1 Fixed to (0x01) Fixed to 0(0		Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	

Dressert	Default		Prope	rty Patterns	
Property	Value	1	2	3	4
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Fixed to 0 (0x00)
ActIONumber * 4	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Network number of target station side module
ActPortNumber	1 (PORT_1)		IBM-PC/AT compati	ble side COM port numbe	r
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Target station side module station number
ActThroughNetworkType	0 (0x00)	Ret	fer to the property [ActTh	oughNetworkType] in Se	ction 3.2.
ActTimeOut	10000		Any value specifi	ed by user in ms units.	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)

 \pm 4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

 \ast 5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

(1) Configuration

(2) Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU								
Connected Relayed	QCPU (A mode)	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
station CPU module		CC IE Control CC IE Field	×	×	×	×	×	×	×	\times	
IBM-PC/AT compatible Relayed network		MELSECNET/H	×	×	\times	\times	\times	\times	\times	\times	
		MELSECNET/10	×	\times	\times	×	2	\times	2	\times	
Relayed Relayed		MELSECNET(II)	×	\times	×	\times	3	\times	3	\times	
station CPU module		Ethernet	×	\times	\times	×	×	\times	×	\times	
		Computer link	×	×	\times	×	×	×	×	\times	
		CC-Link	×	\times	\times	\times	×	×	×	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

(3) Property list

Droporty	Default \/alua		Property Patterns						
Property	Delauit value	1	2	3					
ActBaudRate	9600 (BAUDRATE_9600)	BAUDRATE_9 BAU	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400, BAUDRATE_57600, BAUDRATE_115200						
ActControl	8 (TRC_DTR_OR_RTS)	8 _DTR_OR_RTS) Depending on used cable.							
ActCpuType	321 (CPU_Q02CPU_A)	CPL	station						
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)					
ActPortNumber	1 (PORT_1)	IBM-PC	C/AT compatible side COM por	t number					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number					
ActTimeOut 10000 Any value specified by user in ms units.									

3.3.17 ActQnACPU, ActMLQnACPU control

The following table indicates the properties possessed by the ActQnACPU, ActMLQnACPU control and their default values.

(1) Configuration

(2) Property patterns

				Relayed	Relayed Station CPU								
Conner	Connected	Relayed	QnACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	station CPU	module		CC IE Control CC IE Field	×	×	×	\times	×	×	×	\times	
IBM-PC/AT compatible Relayed network		network		MELSECNET/H	×	\times	\times	\times	×	2	\times	\times	
, , , , , , , , ,-				MELSECNET/10	×	\times	×	\times	×	3	×	\times	
	Relayed	Relayed		MELSECNET(II)	×	\times	\times	\times	×	2	×	\times	
station CPU	station CPU	module		Ethernet	×	\times	\times	\times	×	4	\times	\times	
				Computer link	×	\times	×	\times	×	\times	×	\times	
				CC-Link	×	\times	\times	\times	×	\times	\times	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

3

4

*1: Including motion controller CPU.

Broporty	Default Value		Property	Patterns
Flopenty	Delault value	1	②*2	
udRate	19200 (BAUDRATE_19200)	BAUDRA	TE_9600, BAUDRATE	_19200,
ontrol	8 (TRC_DTR_OR_RTS)		Depending or	n used c
ouType	17 (CPU_Q2ACPU)		CPU type correspon	ding to t
Number * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Fixed to
tworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network	Fixe

(3) Property list

ActBaudRate	(BAUDRATE_19200)	BAUDRA	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400 * 4									
ActControl	8 (TRC_DTR_OR_RTS)		Depending of	n used cable.								
ActCpuType	17 (CPU_Q2ACPU)		CPU type correspon	ding to target station								
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	ed to 1023(0x3FF) Fixed to 1023(0x3FF) Fixed to 1023(0x3FF)									
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)							
ActPortNumber	1 (PORT_1)		IBM-PC/AT compatible	side COM port number								
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Fixed to 255(0xFF)							
ActTimeOut	10000		Any value specified	by user in ms units.								
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number							

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. -- IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. \leftrightarrow IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*4: Usable for only the QnACPU version 9707B or later.

3.3.18 ActACPU, ActMLACPU control

The following table indicates the properties possessed by the ActACPU, ActMLACPU control and their default values.

(1) Configuration

(2) Property patterns

		Connected Station CPU	Relayed	Relayed Station CPU								
Connecte	ed Relayed	ACPU * 1	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
station C	PU module		CC IE Control CC IE Field	×	×	×	×	×	×	×	\times	
IBM-PC/AT compatible Relayed network			MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times	
			MELSECNET/10	×	\times	\times	\times	2	\times	2	\times	
Relayed	Relayed		MELSECNET(II)	×	\times	×	\times	3	\times	3	\times	
station CPU	0 module		Ethernet	×	\times	×	\times	×	\times	×	\times	
			Computer link	×	\times	×	\times	×	×	×	\times	
			CC-Link	×	\times	\times	\times	×	\times	×	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

(3) Property list

Dressert	Defeult		Property Patterns					
Property	Default value	1	2	3				
ActBaudRate	9600 (BAUDRATE_9600)		Fixed to BAUDRATE_9600 * 2	2				
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable.						
ActCpuType	262 (CPU_A1NCPU)	CPU	tation					
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)				
ActPortNumber	1 (PORT_1)	IBM-PC	/AT compatible side COM port	number				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number				
ActTimeOut	10000 Any value specified by user in ms units.							

* 2: BAUDRATE_19200 may be used only when the connected station CPU is the A2USHCPU-S1.

3.3.19 ActFXCPU, ActMLFXCPU control

The following table indicates the properties possessed by the ActFXCPU, ActMLFXCPU control and their default values.

(1) Configuration

(2) Property patterns

	Co Stat	Connected Station CPU Relaye		Relayed			Relayed Station CPU							
Connected Rel	ayed	FXCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU			
station CPU mo	dule	1	CC IE Control CC IE Field	×	×	×	\times	×	×	×	\times			
IBM-PC/AT compatible Relayed netw	ork	-	MELSECNET/H	\times	\times	\times	\times	\times	\times	\times	\times			
Delaward		1	MELSECNET/10	\times	\times	\times	\times	×	×	×	\times			
Relayed Re	layed	0	MELSECNET(II)	×	\times	\times	\times	×	\times	\times	\times			
station CPU mo	dule		Ethernet	\times	\times	\times	\times	\times	\times	\times	\times			
			Computer link	×	\times	\times	\times	\times	×	\times	\times			
			CC-Link	×	\times	×	×	×	×	×	\times			

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

(3) Property list

Broporty	Default Value	Property Patterns						
Property	Delault value	\bigcirc						
		FX0(S), FX0N, FX1, FX1S, FXU, FX2C	Fixed to BAUDRATE _9600					
ActPoudPoto	9600	FX1N(C), FX2N(C)	BAUDRATE _9600, BAUDRATE _19200					
ACIDAUURAIE	(BAUDRATE _9600)	FX3uc, FX3G	BAUDRATE _9600, BAUDRATE _19200, BAUDRATE _38400, BAUDRATE _57600, BAUDRATE _115200					
ActControl	8 (TRC_DTR_OR_RTS)		Depending on used cable.					
ActCpuType	513 (CPU_FX0CPU)	С	PU type corresponding to target station					
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number						
ActTimeOut	10000	ŀ	Any value specified by user in ms units.					

3.3.20 ActQJ71C24, ActMLQJ71C24 control

The following table indicates the properties possessed by the ActQJ71C24, ActMLQJ71C24 control and their default values.

(1) When there is relayed module in addition to connected station side Q series-compatible C24

(a) Configuration

(b) Property patterns

				Connected Station CPU	Relayed			Relay	/ed Sta	ation CPL	J		
	Connected	Q series	Delever	QCPU	Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
station CPU C24	-compatible	Relayed	(Q mode)		(Q mode)	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU	
	C24	module	C C	CC IE Control CC IE Field	2	2*2	② *5	@*2	×	\times	×	×	
IBM-PC/AT compa	tible	Relayed	network		MELSECNET/H	2	2	×	2	×	\times	\times	×
				(Î)	MELSECNET/10	2	2	\times	2	2	2	2	×
		Relayed	Relayed		MELSECNET(II)	×	×	×	\times	×	\times	\times	×
		station CPU	module		Ethernet	2	×	×	2	×	2	\times	×
					Computer link	3*3	×	3	\times	×	3	\times	×
					CC-Link	4	4	4	×	4	4	4	4 *4
				*1: Includin *2: Inacces Network	⊖ : Acces g motion controller sible to Q12DCCP since CC-Link IE	ssible (Pi r CPU. PU-V and Field Ne	roperty QSCP	patter U rela	n withi yed by	n circle), / CC-Link ted.	× : I	inacce	ssible

*3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

- *4: Compatible with FX3G and FX3U(C), and within the own network.
- *5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(c) Property list

Droporty	Default \/alua	Property Patterns							
Property	Delault value	1	2*6	3	4				
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of Q series-compatible C24.							
ActConnectUnitNumber	0 (0x00)		Connected station side module station number						
ActControl	8 (TRC_DTR_OR_RTS)		Dep	ending on used cable.					
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station							
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)				

*6: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Description	DefaultMalue	Property Patterns							
Ргорепту	Default Value	1	2*6	3	4				
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)							
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address				
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActParity	1 (ODD_PARITY)	Matc	h to the setting of Q seri	es-compatible C24.					
ActPortNumber	1 (PORT_1)	IBM	I-PC/AT compatible side	COM port number					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)				
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.							
ActTimeOut	10000		Any value specified by u	iser in ms units					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number				

*6: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

(2) When connected station side Q series-compatible C24 is used for multidrop link with relayed module

(a) Configuration



(b) Property patterns

Connected		Relayed Station CPU								
Station CPU	Relayed			,						
QCPU	Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX	
(Q mode)		(Q mode)	CPU-V	LOPU	CPU	(A mode)	CPU	*1	CPU	
Independent mode * 2	Computer	② *3	×	2	×	×	2	×	×	
Synchronous mode * 2	link	3*3	×	3	×	×	×	×	×	
\bigcirc : Accessible (Dreport, pattern within simple) \rightarrow : Incorporation										

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

*2: Indicates the CH2 side setting. (CH1 side fixed to independent mode)

 \pm 3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

(c) Property list

Dranarti	Default		Property Patterns	/ Patterns				
Property	Default value	1	2	3				
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of Q series-compatible C24.						
ActConnectUnitNumber	0 (0x00)	Connected station side module station number						
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable.						
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station						
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system : 976(0x3D0) No specification : 1023(0x3FF)	Fixed to 0(0x00)				
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01) Fixed to 0(0x00) Fix		Fixed to 1(0x01)				
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01) Fixed to 0(0x00) Fixed to 1(0x0						
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)						

Drawarta	DefaultMalue	Property Patterns					
Ргорепту	Default Value	1	2	3			
ActIONumber * 4	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs For Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 2: 993(0x3E1) Side module I/O No. 4: 995(0x3E3) For For Redundant CPU Target station side Control system : 976(0x3D0) C		For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)			
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00) Multidrop channel number		Fixed to 0(0x00)			
ActNetworkNumber	0 (0x00)						
ActParity	1 (ODD_PARITY)	Match to the s	setting of Q series-c	compatible C24.			
ActPortNumber	1 (PORT_1)	IBM-PC/AT c	compatible side CO	M port number			
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF)			
ActThroughNetworkType	0 (0x00)	Refer to the property	[ActThroughNetwo	rkType] in Section 3.2.			
ActTimeOut	10000	Any value	e specified by user i	in ms units			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Fixed to 0(0x00)			

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

* 5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

POINT

When the connected station side Q series-compatible C24 is set to the synchronous mode, always set the "sumcheck (SW06)" transmission specification software switch setting of the Q series-compatible C24 parameters to Yes (ON). If it is set to No (OFF), a communication error will occur, disabling proper communication.

3.3.21 ActLJ71C24, ActMLLJ71C24 control

The following table indicates the properties possessed by the ActLJ71C24, ActMLLJ71C24 control and their default values.

(1) When there is relayed module in addition to connected station side LJ71C24

(a) Configuration

(b) Property patterns

		Connected Station CPU Relayed		Relayed Station CPU									
IBM-PC/AT compatible	Connecte	dL series	Relayed		Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
	-compatible	module	LOFU		(Q mode)	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU	
	C24			CC IE Field * 3	4	×	4	\times	\times	×	\times	\times	
	Rela	ved network		MELSECNET/H	\times	×	\times	\times	\times	\times	\times	\times	
	1 tolu			MELSECNET/10	\times	\times	\times	\times	\times	\times	\times	\times	
		Relayed	Relayed module	1	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times
	sta	ation CPU			Ethernet	×	\times	\times	\times	×	\times	\times	\times
					Computer link	2*2	\times	2	\times	\times	2	\times	\times
					CC-Link	3	3	3	\times	3	3	3	\times
				*1: Including	⊖ : Access motion controller	ible (Pro CPU.	perty pa	ittern	withir	n circle),	\times :	nacce	ssible

*2: The Redundant CPU is inaccessible to the computer link module which is on

- the main base.
- *3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(c) Property list

Droporty	DefaultValue	Property Patterns							
Property	Default value	1	2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of L series-compatible C24.							
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable.							
ActConnectUnitNumber	0 (0x00)	Connected station side module station number							
ActCpuType	161 (CPU_L02CPU)		CPU type corresponding to target station						
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Fixed to 0(0x00)				

Drawert	DefaultMakes	Property Patterns							
Property	Default Value	1	2	3	4				
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActIntelligentPreferenceBit	0 (0x00)		Fixe	d to 0(0x00)					
ActIONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)				
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Network number of target station side module				
ActParity	1 (ODD_PARITY)		Match to t	he setting of C24.					
ActPortNumber	1 (PORT_1)		IBM-PC/AT compat	ible side COM port nun	nber				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Target station side module station number				
ActThroughNetworkType	0 (0x00)	Refe	r to the property [ActTh	nroughNetworkType] in	Section 3.2.				
ActTimeOut	10000		Any value speci	fied by user in ms units	3				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)				

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2
(2) When connected station side LJ71C24 is used for multidrop link with relayed module

(a) Configuration



(b) Property patterns

Connected Station CPU	Relayed		Relayed Station CPU								
LCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
Independent (1) Computer	②*2	\times	2	×	×	2	×	×		
Synchronous mode	k	3*2	×	3	×	×	×	×	×		
\bigcirc : Accessible (Property pattern within circle), $ imes$: Inaccessible											

*1: Including motion controller CPU.

* 2: The Redundant CPU is inaccessible to the computer link module which is on the main base.

(c) Property list

Drenerty	Default		Property Patterns						
Ριορεπγ	Detault value	1	2	3					
ActBaudRate	19200 (BAUDRATE_19200)	Match	to the setting of L series-compatib	le C24.					
ActConnectUnitNumber	0 (0x00)	Connected station side module station number							
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable.							
ActCpuType	161 (CPU_L02CPU)	CPU type corresponding to target station							
ActDestinationIONumber	0 stinationIONumber (0x00) Fixed to 0(0x00) For Co		Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)	Fixed to 0(0x00)					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 1(0x01)					
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 1(0x01)					
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)							

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Dreparty	Default	Property Patterns						
Property	Delauit value	1	2	3				
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Target station side Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)				
ActMultiDropChannelNumber *4	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)				
ActNetworkNumber	0 (0x00)		Fixed to 0(0x00)					
ActParity	1 (ODD_PARITY)		Match to the setting of	C24.				
ActPortNumber	1 (PORT_1)	IBM-PC	C/AT compatible side COI	M port number				
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF))				
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.						
ActTimeOut	10000	Any	value specified by user i	n ms units				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00) Target station side module station number F		Fixed to 0(0x00)				

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

 \ast 4: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

3.3.22 ActAJ71QC24, ActMLAJ71QC24 control

The following table indicates the properties possessed by the ActAJ71QC24, ActMLAJ71QC24 control and their default values.

 When there is relayed module in addition to connected station side QC24(N)

(a) Configuration

(b) Property patterns

				Connected Station CPU	Relayed	Relayed Station CPU							
	Connected station	QC24(N)	Relayed	QnACPU	QnACPU Network Q	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	CPU		module		CC IE Control CC IE Field	×	×	×	\times	×	\times	×	\times
IBM-PC/AT compatible		Relayed network			MELSECNET/H	×	\times	\times	\times	×	\times	\times	\times
		Relayed Relayed			MELSECNET/10	×	\times	\times	\times	×	2	\times	\times
			Ū	MELSECNET(II)	×	\times	\times	\times	×	3	\times	\times	
station CPU module			module		Ethernet	×	\times	\times	\times	\times	2	×	\times
					Computer link	×	\times	\times	\times	\times	4	\times	\times
					CC-Link	×	×	\times	\times	\times	4	\times	\times

 $[\]bigcirc$: Accessible (Property pattern within circle), \times : Inaccessible *1: Including motion controller CPU.

(c) Property list

Dreparty	Default \/alua		Property	Property Patterns					
Property	Derault value	1	②*2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)		Match to the sett	ing of QC24(N).					
ActConnectUnitNumber	0 (0x00)	(Connected station side	module station number					
ActControl	8 (TRC_DTR_OR_RTS)		Depending on used cable.						
ActCpuType	17 (CPU_Q2ACPU)		CPU type corresponding to target station						
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActParity	1 (ODD_PARITY)		Match to the sett	ing of QC24(N).					
ActPortNumber	1 (PORT_1)	1	BM-PC/AT compatible	side COM port number					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Fixed to 255(0xFF)				
ActTimeOut	10000		Any value specified	by user in ms units					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00) Fixed to 0(0x00) Fixed to 0(0x00)		Target station side module station number				

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

(2) When connected station side QC24(N) is used for multidrop link with relayed module

(a) Configuration



(b) Property patterns

Connected Station CPL	J	Relayed	Relayed Station CPU									
QnACPU		Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
Independent mode * 2	ി	Computer	×	×	×	×	×	2	×	×		
Synchronous mode * 2		link	×	×	×	×	×	3	×	×		

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Including motion controller CPU.

*2: Indicates the CH2 side setting. (CH1 side fixed to independent mode)

(c) Property list

Description	DefaultValue	Property Patterns						
Ргорепту	Detault value	1	2	3				
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of QC24(N).						
ActConnectUnitNumber	0 (0x00)	Connected station side module station number						
ActControl	8 (TRC_DTR_OR_RTS)		Depending on used cable.					
ActCpuType	17 (CPU_Q2ACPU)	CPU type corresponding to target station						
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF) Connected station side module I/O address		Fixed to 1023(0x3FF)				
ActNetworkNumber	0 (0x00)		Fixed to 0(0x00)					
ActParity	1 (ODD_PARITY)	ľ	Match to the setting of QC24(N)					
ActPortNumber	1 (PORT_1)	IBM-PC	C/AT compatible side COM port	number				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)						
ActTimeOut	10000	Any	value specified by user in ms u	inits				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)					

* 3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

3.3.23 ActAJ71UC24, ActMLAJ71UC24 control

The following table indicates the properties possessed by the ActAJ71UC24, ActMLAJ71UC24 control and their default values.

(1) When there is relayed module in addition to connected station side UC24

(1) Configuration

(2) Property patterns



 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

*2: Operates as the one equivalent to AnACPU.

(c) Property list

Proporty	Dofault Value	Property Patterns						
Fioperty	Delault value	\bigcirc	2	3				
ActBaudRate	19200 (BAUDRATE_19200)		Match to the setting of UC24.					
ActControl	8 (TRC_DTR_OR_RTS)		Depending on used cable.					
ActCpuType	262 (CPU_A1NCPU)	CPU	CPU type corresponding to target station					
ActDataBits	8 (DATABIT_8)	Match to the setting of UC24.						
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00) Target station side module network number		Fixed to 0(0x00)				
ActParity	1 (ODD_PARITY)	Match to the setting of UC24.						
ActPortNumber	1 (PORT_1)	IBM-PC	AT compatible side COM port	number				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number				
ActStopBits	0 (STOPBIT_ONE)		Match to the setting of UC24.					
ActSumCheck	1 (SUM_CHECK)	Match to the setting of UC24.						
ActTimeOut	10000	Any	value specified by user in ms	units				
ActUnitNumber	0 (0x00)	Target station side module station number Connected station side module station number Connected station module station number						

(2) When connected station side UC24 is used for multidrop link with relayed module

(a) Configuration



(b) Property patterns

Connected Station CPU		Relayed Station CPU								
QCPU (A mode), QnACPU * 1, ACPU * 2	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU	
Independent mode * 3	Computer link	×	×	×	×	1	1*1	×	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Operates as the one equivalent to AnACPU.

*2: Including motion controller CPU.

 \pm 3: Use the mode setting switch and main channel setting to make setting.

(c) Property list

Broporty	Default Value	Property Patterns
Flopenty	Delault value	
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of UC24.
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable.
ActCpuType	262 (CPU_A1NCPU)	CPU type corresponding to target station
ActDataBits	8 (DATABIT_8)	Match to the setting of UC24.
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)
ActParity	1 (ODD_PARITY)	Match to the setting of UC24.
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)
ActStopBits	0 (STOPBIT_ONE)	Match to the setting of UC24.
ActSumCheck	1 (SUM_CHECK)	Match to the setting of UC24.
ActTimeOut	10000	Any value specified by user in ms units
ActUnitNumber	0 (0x00)	Target station side module station number

3.3.24 ActAJ71C24, ActMLAJ71C24 control

The following table indicates the properties possessed by the ActAJ71C24, ActMLAJ71C24 control and their default values.

(1) When there is relayed module in addition to connected station side C24

(1) Configuration

(2) Property patterns



Con Statio	necte on CF	ed >U	Relayed	Relayed Station CPU									
QCPU (mode)	QnA CPU	ACPU *1	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
			CC IE Control CC IE Field	×	\times	×	\times	×	×	×	\times		
			MELSECNET/H	\times	×	\times	\times	\times	×	\times	\times		
	1		MELSECNET/10	×	×	\times	\times	2	2*2	2	\times		
\odot	*2	U	MELSECNET(II)	×	×	\times	\times	2	2*2	2	\times		
			Ethernet	\times	\times	\times	\times	\times	\times	\times	\times		
		Computer link	\times	\times	\times	\times	\times	\times	\times	\times			
			CC-Link	×	×	\times	×	×	×	\times	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

*2: Operates as the one equivalent to AnACPU.

(c) Property list

Drenerty	Defeuth)/elue	Property	Patterns					
Property	Default value	1	② *3					
ActBaudRate	19200 (BAUDRATE_19200)	Match to the s	setting of C24.					
ActControl	8 (TRC_DTR_OR_RTS)	Depending of	n used cable.					
ActCpuType	262 (CPU_A1NCPU)	CPU type correspon	ding to target station					
ActDataBits	8 (DATABIT_8)	Match to the s	Match to the setting of C24.					
ActParity	1 (ODD_PARITY)	Match to the s	Match to the setting of C24.					
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible	side COM port number					
ActStationNumber * 4	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number					
ActStopBits	0 (STOPBIT_ONE)	Match to the s	setting of C24.					
ActSumCheck	1 (SUM_CHECK)	Match to the s	setting of C24.					
ActTimeOut	10000	Any value specified	by user in ms units					
ActUnitNumebr	0 (0x00)	Target station side module station number Connected station side mod station number						

* 3: Access via network is enabled only to the network on the side specified in "valid module for another station access" in the connected station side network parameters.

*4: Note the following points depending on whether the connected station side MELSECNET/10 module is the control station or ordinary station. When the connected station side MELSECNET/10 module is the control station... Specify the actual station number of the target station side MELSECNET/10 module in ActStationNumber.

When the connected station side MELSECNET/10 module is the ordinary station... Always set the target station side MELSECNET/10 module

Always set the target station side MELSECNET/10 module as the control station and specify "0x00" in ActStationNumber.

(2) When connected station side C24 is used for multidrop link with relayed module

(a) Configuration



(b) Property patterns

Connected Station CPU			Relayed Station CPU							
QCPU (A mode), QnACPU * 1, ACPU * 2	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU	
Independent mode * 3	Computer link	×	×	\times	×	1	1*1	1	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

 \ast 1: Operates as the one equivalent to AnACPU.

*2: Including motion controller CPU.

*3: Use the mode setting switch and main channel setting to make setting.

(c) Property list

Drapath	Default \/alua	Property Patterns
Property	Delault value	\bigcirc
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of C24.
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable.
ActCpuType	262 (CPU_A1NCPU)	CPU type corresponding to target station
ActDataBits	8 (DATABIT_8)	Match to the setting of C24.
ActParity	1 (ODD_PARITY)	Match to the setting of C24.
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)
ActStopBits	0 (STOPBIT_ONE)	Match to the setting of C24.
ActSumCheck	1 (SUM_CHECK)	Match to the setting of C24.
ActTimeOut	10000	Any value specified by user in ms units
ActUnitNumebr	0 (0x00)	Target station side module station number

3.3.25 ActFX485BD, ActMLFX485BD control

The following table indicates the properties possessed by the ActFX485BD, ActMLFX485BD control and their default values.

(a) Configuration



(b) Property patterns

Connected	Relayed	Relayed Station CPU									
FXCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
	CC IE Control CC IE Field	×	×	×	×	×	\times	×	\times		
	MELSECNET/H	×	\times	\times	\times	×	\times	\times	\times		
(Î)	MELSECNET/10	×	\times	×	\times	×	\times	\times	\times		
\odot	MELSECNET(II)	×	\times	\times	\times	×	\times	\times	\times		
	Ethernet	×	\times	\times	\times	×	\times	\times	\times		
	Computer link	×	\times	×	\times	×	\times	\times	1		
	CC-Link	\times	×	\times	\times	\times	\times	×	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible \ast 1: Including motion controller CPU.

(3) Property list

Property	Dofault Value	Property Patterns
Froperty	Delault value	
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of FX extended port
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable
ActCpuTimeOut	4	Any value specified by user in 10ms units
ActCpuType	0x205 (CPU_FX2NCPU)	CPU type corresponding to target station
ActDataBits	8 (DATABIT_8)	Match to the setting of FX extended port
ActParity	1 (ODD_PARITY)	Match to the setting of FX extended port
ActPortNumber	0x01 (PORT_1)	IBM-PC/AT compatible side COM port number
ActStopBits	0 (STOPBIT_ONE)	Match to the setting of FX extended port
ActSumCheck	1(SUM_CHECK)	Match to the setting of FX extended port
ActTimeOut	10000	Any value specified by user in ms units
ActUnitNumber	0x00	Target station side module station number

3.3.26 ActFXCPUUSB, ActMLFXCPUUSB control

The following table indicates the properties possessed by the ActFXCPUUSB, ActMLFXCPUUSB control and their default values.

(1) Configuration

(2) Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU							
Connected station Conversion Relayed module	FXCPU	>U Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
		CC IE Control CC IE Field	×	×	×	×	×	×	\times	\times
IBM-PC/AT compatible Relayed network		MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times
	1	MELSECNET/10	×	\times	\times	\times	\times	\times	\times	\times
Relayed Relayed		MELSECNET(II)	×	\times	×	\times	×	×	\times	\times
station CPU module		Ethernet	×	\times	\times	\times	\times	\times	\times	\times
		Computer link	×	\times	\times	\times	×	\times	\times	\times
		CC-Link	×	×	×	\times	×	×	×	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

(3) Property list

Broporty	Dofault Value	Property Patterns					
Froperty	Delault value						
ActCpuType	0x209 (CPU_FX3GCPU)	CPU type corresponding to target station					
ActTimeOut	10000	Any value specified by user in ms units					

3.3.27 ActQCPUQUSB, ActMLQCPUQUSB control

The following table indicates the properties possessed by the ActQCPUQUSB, ActMLQCPUQUSB control and their default values.

(1) Configuration

(2) Property patterns

	Conneo Station	cted CPU	Relayed	Relayed Station CPU							
Connected Relayed	QCPU QS (Q mode) CPU		Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	<u> </u>		CC IE Control CC IE Field	2	@*3	② *7	2*3	×	×	×	×
IBM-PC/AT compatible Relaved network			MELSECNET/H	2	2	\times	2	×	\times	\times	\times
		(5) * 0	MELSECNET/10	2	2	\times	2	2	2	2	\times
Relayed Relayed	Ū	@ *2	MELSECNET(II)	×	×	×	×	×	\times	×	\times
station CPU module			Ethernet	2	×	\times	2	×	2	\times	\times
			Computer link	3*4	\times	3	\times	×	3	\times	\times
			CC-Link	4	4	4	\times	4 *5	4 *5	4 *5	4 *6
	Conneo Station	cted CPU	Relayed	Relayed Station CPU							
	Q12DCCPU-V		Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
			CC IE Control CC IE Field	2	2*3	② *7	2*3	×	×	×	×
			MELSECNET/H	2	2	\times	2	×	\times	\times	\times
	ന		MELSECNET/10	2	2	\times	2	×	\times	\times	\times
			MELSECNET(II)	\times	×	\times	\times	×	\times	\times	\times
			Ethernet	\times	\times	\times	\times	\times	\times	\times	\times
			Computer link	×	×	×	\times	\times	×	\times	\times
			CC-Link	4	4	4	\times	4 *5	4 *5	4 *5	\times
			• : A	ccessible	e (Prop	erty pa	attern v	vithin circ	:le), $\overline{\times}$: Inacc	essible

* 1: Including motion controller CPU.

*2: Relayed stations cannot be accessed through the QSCPU.

* 3: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

- *4: The Redundant CPU is inaccessible to the computer link module which is on the main base.
- *5: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later.
- *6: Compatible with FX3G and FX3U(C), and within the own network.
- *7: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(3) Property list

Droporty	Default Value	Property Patterns							
Property		1	2 * 8	3	4	5			
ActCpuType	34 (CPU_Q02CPU)		CPU type of	corresponding to ta	rget station				

*8: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

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Dreporty	Default		Pro	Property Patterns				
Property	Value	1	②*8	3	4	5		
ActDestination IONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Fixed to 0(0x00)		
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActIntelligent PreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Fixed to 0(0x00)		
ActIONumber * 9	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Connected CPU: 1023 (0x3FF)		
ActMultiDrop ChannelNumber * 10	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)		
ActThrough NetworkType	0 (0x00)	Refer	to the property [ActThrou	ighNetworkType] in Secti	on 3.2.	Fixed to 0(0x00)		
ActTimeOut	10000		Any value sp	ecified by user in ms unit	S			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)		

*8: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*9: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*10: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

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3.3.28 ActLCPUUSB, ActMLLCPUUSB control

The following table indicates the properties possessed by the ActLCPUUSB, ActMLLCPUUSB control and their default values.

(1) Configuration

(2) Property patterns

	Connected Station CPU Relayed		Relayed Station CPU							
Connected Relayed	LCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
		CC IE Field * 3	4	\times	4	\times	×	×	×	\times
Belaved network		MELSECNET/H	\times	\times	\times	\times	\times	\times	\times	\times
IBM-PC/AT compatible		MELSECNET/10	×	\times	\times	\times	\times	\times	\times	\times
Relayed Relayed	1	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times
station CPU module		Ethernet	\times	\times	\times	\times	\times	\times	\times	\times
		Computer link	②*2	\times	2	\times	\times	2	\times	\times
		CC-Link	3	3	3	\times	3	3	3	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

- * 1: Including motion controller CPU.
- *2: The Redundant CPU is inaccessible to the computer link module which is on the main base.
- *3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(2) Property list

Droportu	Default Value		Property P	atterns	
Property	Delault value	1	2	3	4
ActCpuType	161 (CPU_L02CPU)		CPU type correspondi	ng to target station	
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Fixed to 0(0x00)

(To the next page)

Descent	Default		Pro	perty Patterns	
Ргорепту	Value	1	2	3	(4)
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Fixed to 0(0x00)
ActIONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActNetworkNumber	0 (0x00)		Fixed to 0(0x00)		Network number of target station side module
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF	-)	Target station side module station number
ActThroughNetworkType	0 (0x00)	F	Refer to the property [Act]	[hroughNetworkType] in	Section 3.2.
ActTimeOut	10000		Any value spe	cified by user in ms units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0 (0x01)

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.
*5: Specify the following as the channel No. to be multidrop-linked.
0: Use default channel of module.

1: Channel 1

3.3.29 ActCCG4Q, ActMLCCG4Q control

The following table indicates the properties possessed by the ActCCG4Q, ActMLCCG4Q control and their default values.

(1) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

(a) Configuration



(b) Property patterns

Connected Station CPU	Polovod Notwork		Relayed Station CPU							
QCPU	Relayed Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX	
(Q mode)		(Q mode)	CPU-V	LCFU	CPU	(A mode)	CPU	*1	CPU	
	CC IE Control CC IE Field	2	2*2	② *3	2*2	×	×	×	×	
	MELSECNET/H	2	2	\times	2	×	×	\times	\times	
(1)	MELSECNET/10	2	2	\times	2	2	2	2	\times	
	MELSECNET(II)	\times	\times	\times	×	×	\times	×	\times	
	Ethernet	2	×	\times	2	×	2	\times	\times	
	Computer link	×	×	\times	×	×	3	\times	\times	
	CC-Link	×	×	\times	\times	×	\times	\times	\times	
Connected Station CPU	Polovod Notwork	Relayed Station CPU								
Q12DCCPU-V	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	CC IE Control CC IE Field	2	②*2	② *3	2*2	×	×	×	×	
	MELSECNET/H	2	2	\times	2	×	×	×	×	
(I)	MELSECNET/10	2	2	\times	2	2	2	2	×	
	MELSECNET(II)	\times	\times	\times	×	×	\times	\times	\times	
	Ethernet	×	×	\times	×	×	\times	\times	\times	
	Computer link	×	×	\times	×	×	×	\times	\times	
	CC-Link	×	×	\times	×	×	×	×	×	
	(: Access	sible (Prop	erty pat	tern wit	hin circle).	× : Ina	ccessib	le	

* 1: Including motion controller CPU.

*2: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(c) Property list

Dranarty	Defeult		Property Patterns							
Property	Default Value	1	2*4	3						
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400, BAUDRATE_57600, BAUDRATE_115200								
ActConnectUnitNumber	0 (0x00)	Connected station side module station number								
ActControl	8 (TRC_DTR_OR_RTS)		Depending on used cable.							
ActCpuType	34 (CPU_Q2CPU)	CPU ty	pe corresponding to target st	ation						
ActIONumber * 5	1023 (0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system : 976(0x3D0) No specification : 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3 For multiple CPUs Connected CPU: 1023(0x3 No. 1: 992(0x3 No. 2: 993(0x3 No. 3: 994(0x3 No. 4: 995(0x3 For Redundant CPU Target station side Control system : 976(0x3 No specification : 1023(0x3)	 BFF) BE0) Connected station side relayed module I/O address BE3) BD0) BFF) 						
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side modu network number	Fixed to 0(0x00)						
ActPortNumber	1 (PORT_1)	IBM-PC/A	T compatible side COM port	number						
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side modu station number	Fixed to 255(0xFF)						
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.								
ActTimeOut	10000	Any va	alue specified by user in ms u	inits						
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number						

*4: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

(2) When connected station CPU is LCPU

(a) Configuration



(b) Property patterns

Connected Station CPU	Polovod Notwork	Relayed Station CPU									
LCPU	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×		
	MELSECNET/H	×	×	\times	×	×	\times	\times	\times		
	MELSECNET/10	×	×	×	×	×	×	\times	\times		
	MELSECNET(II)	×	×	×	×	×	×	\times	×		
	Ethernet	×	×	×	×	×	×	\times	\times		
	Computer link	×	×	×	×	×	2	\times	\times		
	CC-Link		×	×	×	×	×	×	\times		
	() : Access	ible (Prope	erty patte	ern with	in circle), >	< : Inac	cessible	;		

*1: Including motion controller CPU.

(c) Property list

Property	Default Value	Property	Patterns				
Flopenty	Delault value	1	2				
ActBaudBate	19200	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400,					
	(BAUDRATE_19200)	BAUDRATE_57600,	BAUDRATE_115200				
ActConnectLinitNumber	0	Connected station side	module station number				
Acconnectoritindiniber	(0x00)	Connected station side					
ActControl	8	Depending of					
ACICONIIO	(TRC_DTR_OR_RTS)	Depending of	n used cable.				
ActCouTure	34		ding to target station				
Aciopuliype	(CPU_Q2CPU)	CPU type correspon	ung to target station				
A at ION lumber * 2	1023	For single CPU	Connected station side relayed module				
Actionumber * 2	(0x3FF)	Fixed to 1023(0x3FF)	I/O address				
A athlat wardshive a bar	0	Fixed to 0(0x00)					
Activetworkinumber	(0x00)						
A stD suth kursh su	1		side COM part sumber				
ActPortNumber	(PORT_1)	IBIN-PC/AT compatible	side COM port number				
A stOtation Number	255	Fixed to 2					
ActStationNumber	(0xFF)	Fixed to 2	255(UXFF)				
A stThese she black as als Tone a	0						
Actiniougnivetwork type	(0x00)	Refer to the property [Act i hrou	gninetwork rypej in Section 3.2.				
ActTimeOut	10000	Any value specified	by user in ms units				
	0		Torret station side and de station much a				
ActUnitNumber	(0x00)	Fixed to 0(0x00)	l arget station side module station number				

*2: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

3.3.30 ActCCG4QnA, ActMLCCG4QnA control

The following table indicates the properties possessed by the ActCCG4QnA, ActMLCCG4QnA control and their default values.

(1) Configuration



(2) Property patterns

Connected Station CPU	Pelayed Network	Relayed Station CPU									
QnACPU	Nelayeu Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
	CC IE Control CC IE Field	×	×	×	×	×	×	×	\times		
	MELSECNET/H	×	×	×	\times	×	×	×	\times		
1	MELSECNET/10	×	×	\times	\times	×	2	×	\times		
Ū	MELSECNET(II)	×	×	×	\times	×	3	×	\times		
	Ethernet	×	×	\times	\times	×	2	×	\times		
	Computer link	×	×	×	\times	×	4	×	\times		
	CC-Link	×	×	×	\times	×	\times	×	\times		
			essible (F	roperty	patter	n within cire	cle), $ imes$: Inacce	essible		

* 1: Including motion controller CPU.

Dreparty	Default	Property Patterns							
Property		1	2 *2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)	BAUDR	ATE_9600, BAUDRAT	E_19200, BAUDRATE	_38400				
ActConnectUnitNumber	0 (0x00)	Conn	Connected station side CC-Link module station number						
ActControl	8 (TRC_DTR_OR_RTS)		Depending on used cable.						
ActCpuType	17 (CPU_Q2ACPU)	CPU type corresponding to target station							
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module I/O address				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActPortNumber	1 (PORT_1)	I	BM-PC/AT compatible	side COM port number					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Fixed to 255(0xFF)				
ActTimeOut	10000		Any value specified	by user in ms units					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number				

(3) Property list

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

3.3.31 ActCCG4A, ActMLCCG4A control

The following table indicates the properties possessed by the ActCCG4A, ActMLCCG4A control and their default values.

(1) Configuration



(2) Property patterns

Connec (nnected Station CPU			Relayed Station CPU							
QCPU	QnA	ACPU	Relayed Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
(A mode)	CPU	*1		(Q mode) CPU-V	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU
			CC IE Control	×	×	×	×	~	×	×	×
		CC IE Field	~	~	~	~	~	~	~	~	
			MELSECNET/H	\times	\times	\times	\times	×	\times	×	\times
\bigcirc	$\mathbf{\mathbf{v}}$	$\widehat{1}$	MELSECNET/10	×	\times	\times	\times	×	\times	×	\times
	^	0	MELSECNET(II)	\times	\times	\times	×	×	\times	×	\times
			Ethernet	\times	\times	\times	\times	×	\times	×	\times
			Computer link	\times	\times	\times	\times	×	\times	×	\times
			CC-Link	×	×	\times	\times	\times	\times	\times	\times

* 1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

(3) Property list

Draparti	Default Malue	Property Patterns
Property	Delault value	\bigcirc
ActControl	8 (TRC_DTR_OR_RTS)	Depending on used cable.
ActCpuType	262 (CPU_A1NCPU)	CPU type corresponding to target station
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number
ActStationNumber	0 (0x00)	Target station side module station number
ActTimeOut	10000	Any value specified by user in ms units

3.3.32 ActMnet10BD, ActMLMnet10BD control

The following table indicates the properties possessed by the ActMnet10BD, ActMLMnet10BD control and their default values.

(1) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

(a) Configuration



(b) Property patterns

Our Daard	Connected Station CPU			Relayed Station CPU								
Own Board	QCPU	Relayed Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX		
	(Q mode)		(Q mode)	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU		
		CC IE Control CC IE Field	2	②*2	2*4	②*2	×	×	\times	\times		
		MELSECNET/H	2	2	×	2	×	\times	\times	\times		
٢	MELSECNET/10	2	2	×	2	2	2	2	\times			
	Ľ	MELSECNET(II)	×	×	×	×	×	×	×	\times		
		Ethernet	2	\times	×	2	×	\times	\times	\times		
		Computer link	3*3	\times	3	×	\times	3	\times	\times		
		CC-Link	4	4	4	×	×	\times	×	\times		
Û	Connected Station CPU	Delayed Natural			Relay	ved Stat	ion CPU					
1	Connected Station CPU Q12DC	Relayed Network	QCPU	Q12DC	Relay	ved Stat QS	ion CPU QCPU	QnA	ACPU	FX		
1	Connected Station CPU Q12DC CPU-V	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	Relay LCPU	ved Stat QS CPU	ion CPU QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
٢	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field	QCPU (Q mode) ×	Q12DC CPU-V ×	Relay	ved Stat QS CPU ×	ion CPU QCPU (A mode) ×	QnA CPU ×	ACPU *1 ×	FX CPU ×		
Ð	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H	QCPU (Q mode) × ×	Q12DC CPU-V ×	Relay	ved Stat QS CPU × ×	ion CPU QCPU (A mode) × ×	QnA CPU ×	ACPU *1 ×	FX CPU ×		
Ð	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) × × ×	Q12DC CPU-V × ×	Relay	ved Stat QS CPU × ×	ion CPU QCPU (A mode) × × ×	QnA CPU × ×	ACPU *1 × × ×	FX CPU × × ×		
1	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode) × × × ×	Q12DC CPU-V × × ×	Relay LCPU × × ×	QS CPU × × ×	ion CPU QCPU (A mode) × × × ×	QnA CPU × × ×	ACPU *1 × × ×	FX CPU × × ×		
٢	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode) × × × ×	Q12DC CPU-V × × × ×	Relay	Ved Stat	ion CPU (A mode) × × × × ×	QnA CPU × × ×	ACPU *1 × × × × ×	FX CPU × × × × × × × × × × × × ×		
1	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode) × × × × ×	Q12DC CPU-V × × × × ×	Relay LCPU × × × × ×	Ved Stat	ion CPU (A mode) × × × × × ×	QnA CPU × × × × ×	ACPU *1 × × × × × ×	FX CPU × × × × × × × × × × × × × × × ×		

* 1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*2: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

Property Patterns							
Flopenty	Delault Value	1	2	3	4		
ActCpuType	1025 (CPU_BOARD)		CPU type corresp	onding to target station			
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Fixed to 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Fixed to 1023(0x3FF)		
ActDidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActDsidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActIONumber * 5	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Fixed to 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address		
ActMultiDropChannelNumber *6	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)		
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Connected station side module network number	Connected station side module network number		
ActPortNumber	1 (PORT_1)	Board	No. of IBM-PC/AT comp PORT 1 to PORT	patible side MELSECNE 4 (first to fourth boards)	T/10 board,		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Connected station side module station number	Connected station side module station number		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number		

(c) Property list

 \pm 5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

* 6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

(2) When connected station CPU is QCPU (A mode) or ACPU

(a) Configuration



(b) Property patterns

Own	Conne Station	ected CPU	Polovod Notwork	Relayed Station CPU									
Board	QCPU (A mode)	ACPU *1	Relayed inetwork	QCPU	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU		
	(,		CC IE Control CC IE Field	×	×	×	×	× ×	×	×	×		
			MELSECNET/H	×	\times	\times	×	×	\times	\times	\times		
1	0	0	MELSECNET/10	3	3	\times	3	2	4	2	\times		
	Ľ	Ľ	MELSECNET(II)	×	×	×	×	×	\times	×	\times		
			Ethernet	×	\times	\times	\times	×	\times	×	\times		
			Computer link	×	\times	\times	\times	×	\times	×	\times		
			CC-Link	×	×	×	×	×	×	\times	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Including motion controller CPU.

(c) Property list

Dranati	Defeuitt		Property Patterns						
Property	Default value	1	2	3	4				
ActCpuType	1025 (CPU_BOARD)		CPU type corresponding to target station						
ActDestinationIONumber	0 (0x00)			Fixed to 0(0x00)					
ActDidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)				
ActDsidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)				
ActIONumber * 2	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU : 1023(0x3FF) No. 1 : 992(0x3E0) No. 2 : 993(0x3E1) No. 3 : 994(0x3E2) No. 4 : 995(0x3E3) For Redundant CPU Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)				
ActMultiDropChannelNumber	0 (0x00)			Fixed to 0(0x00)					
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Tar	get station side module network n	umber				
ActPortNumber	1 (PORT_1)	Board	No. of IBM-PC/AT PORT 1 to F	compatible side MELSECNET/10 PORT 4 (first to fourth boards)) board,				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Та	rget station side module station nι	umber				
ActUnitNumber	0 (0x00)			Fixed to 0(0x00)					

*2: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

(3) When connected station CPU is QnACPU

(a) Configuration



(b) Property patterns

Own Station C Board QnACP	Connected Station CPU	Polovod Notwork	Relayed Station CPU								
	QnACPU	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
		CC IE Control CC IE Field	×	×	×	×	×	×	×	×	
		MELSECNET/H	×	×	\times	\times	×	\times	\times	\times	
ന	0	MELSECNET/10	3	×	\times	3	2	2	2	\times	
0	U)	MELSECNET(II)	×	×	\times	\times	×	\times	\times	\times	
		Ethernet	×	×	\times	\times	×	2	\times	\times	
		Computer link	×	×	\times	\times	×	4	\times	\times	
		CC-Link	×	×	\times	\times	×	\times	\times	\times	

* 1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

(c) Property list

Property			Proper	ty Patterns	
Fioperty	Delault value	1)	2	3	4
ActCpuType	1025 (CPU_BOARD)		CPU type correspo	onding to target station	
ActDestinationIONumber	0 (0x00)		Fixed	to 0(0x00)	
ActDidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)
ActDsidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)
ActIONumber * 2	0 (0x00)	Fixed to 0(0x00)	Fixed to 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Fixed to 1023(0x3FF)	Connected station side relayed module I/O address
ActMultiDropChannelNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Target station side module network number	Connected station side module network number
ActPortNumber	1 (PORT_1)	Board	No. of IBM-PC/AT comp PORT 1 to PORT 4	eatible side MELSECNET	/10 board,
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Connected station side module station number
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station

*2: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

3.3.33 ActMnetHBD, ActMLMnetHBD control

The following table indicates the properties possessed by the ActMnetHBD, ActMLMnetHBD control and their default values.

- When access is made via MELSECNET/H mode using QCPU (Q mode) or Q12DCCPU-V as connected station CPU
 - (a) Configuration



(b) Property patterns

Own	Conneo Station	cted CPU	Deleved Network	Relayed Station CPU								
Board	QCPU	QS	Relayed Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX	
	(Q mode)	CPU		(Q mode)	CPU-V	LOFU	CPU	(A mode)	CPU	*1	CPU	
			CC IE Control CC IE Field	2	②*3	2 _{*5}	② *2*3	×	×	×	×	
			MELSECNET/H	2	2	\times	2*2	×	\times	\times	\times	
	٢	2	MELSECNET/10	2	2	×	2*2	2	2	2	\times	
	Ľ	© * Z	MELSECNET(II)	×	×	\times	\times	×	\times	\times	\times	
			Ethernet	2	\times	×	2*2	×	\times	\times	\times	
			Computer link	3*4	\times	3	×	×	3	\times	\times	
			CC-Link	4	4	4	×	×	\times	\times	\times	
	Connected Station CPU											
1	Conneo Station	cted CPU	Polovod Notwork			Rela	yed Stat	ion CPU				
1	Connect Station Q12DCC	cted CPU PU-V	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	Rela LCPU	yed Stat QS CPU	ion CPU QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
1	Connec Station Q12DCC	cted CPU PU-V	Relayed Network CC IE Control CC IE Field	QCPU (Q mode) ×	Q12DC CPU-V ×	Rela	yed Stat QS CPU ×	ion CPU QCPU (A mode) ×	QnA CPU ×	ACPU *1 ×	FX CPU ×	
1	Connec Station Q12DCC	cted CPU PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H	QCPU (Q mode) × ×	Q12DC CPU-V ×	Rela LCPU × ×	yed Stat QS CPU ×	ion CPU QCPU (A mode) × ×	QnA CPU ×	ACPU *1 ×	FX CPU ×	
1	Connec Station Q12DCC	cted CPU PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) × × ×	Q12DC CPU-V × ×	Rela LCPU × × × ×	yed Stat QS CPU × ×	ion CPU QCPU (A mode) × × ×	QnA CPU × ×	ACPU *1 × ×	FX CPU × ×	
1	Connec Station Q12DCC 2	cted CPU PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode) × × × ×	Q12DC CPU-V × × ×	Rela LCPU × × × × ×	yed Stat QS CPU × × × ×	ion CPU QCPU (A mode) × × × ×	QnA CPU × × ×	ACPU *1 × × ×	FX CPU × × ×	
1	Connec Station Q12DCC 2	cted CPU PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode) × × × ×	Q12DC CPU-V × × ×	Rela LCPU × × × × × ×	yed Stat QS CPU × × × ×	ion CPU QCPU (A mode) × × × ×	QnA CPU × × × ×	ACPU *1 × × × ×	FX CPU × × × ×	
1	Connec Station Q12DCC (2)	cted CPU PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode) × × × ×	Q12DC CPU-V × × × ×	Rela LCPU × × × × × × ×	yed Stat QS CPU × × × × ×	ion CPU (A mode) × × × × ×	QnA CPU × × × × ×	ACPU *1 × × × ×	FX CPU × × × × × × × ×	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Including motion controller CPU.

*2: Relayed stations cannot be accessed through the QSCPU.

* 3: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(c) Property list

Dreport	Default Value	Property Patterns				
Property	Default value	1	2	3	4	
ActCpuType	1025 (CPU_BOARD)		CPU type corresp	onding to target station		
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	
ActDidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActDsidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActIONumber * 6	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address	
ActMultiDropChannelNumber *7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Connected station side module network number	Connected station side module network number	
ActPortNumber	1 (PORT_1)	Board	No. of IBM-PC/AT com PORT 1 to PORT	patible side MELSECNE 4 (first to fourth boards)	T/H board,	
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Connected station side module station number	Connected station side module station number	
ActThroughNetworkType	1 (0x01)	Refer to the proper	ty [ActThroughNetworkT	ype] in Section 3.2.		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	

* 6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

- (2) When access is made via MELSECNET/10 mode using QCPU (Q mode) or Q12DCCPU-V as connected station CPU Operates when both the MELSECNET/H board and relayed module are in the MELSECNET/10 mode.
 - (a) Configuration



(b) Property patterns

Own	Conneo Station	cted CPU		Relayed Station CPU							
Board	QCPU	QS	Relayed Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
	(Q mode)	CPU		(Q mode)	CPU-V	LCPU	CPU	(A mode)	CPU	*1	CPU
			CC IE Control CC IE Field	2	②*3	2*5	② *2*3	×	×	×	×
			MELSECNET/H	×	×	×	×	×	×	\times	\times
	٦	(D.1.)	MELSECNET/10	2	2	\times	②*2	2	2	2	\times
	L)	© * Z	MELSECNET(II)	×	×	×	×	×	\times	\times	\times
			Ethernet	2	\times	×	②*2	×	\times	\times	\times
			Computer link	3*4	\times	3	×	×	3	\times	\times
()			CC-Link	4	4	4	×	×	\times	\times	\times
	Connected Station CPU										
	Station	CPU				Rela	yed Stat	ion CPU			
1	Station		Relayed Network	QCPU	Q12DC	Rela	yed Stat QS	ion CPU QCPU	QnA	ACPU	FX
1	Station Q12DCC	CPU CPU PU-V	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	Rela LCPU	yed Stat QS CPU	ion CPU QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
1	Q12DCC	CPU	Relayed Network CC IE Control CC IE Field	QCPU (Q mode) ×	Q12DC CPU-V ×	Rela	yed Stati QS CPU ×	ion CPU QCPU (A mode) ×	QnA CPU ×	ACPU *1	FX CPU ×
1	Q12DCC	CPU PU-V	Relayed Network	QCPU (Q mode) × ×	Q12DC CPU-V ×	Rela	ved Stat	ion CPU QCPU (A mode) × ×	QnA CPU ×	ACPU *1 ×	FX CPU ×
1	Q12DCC	PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) × × ×	Q12DC CPU-V × ×	Rela LCPU × × × ×	yed Stat QS CPU × × ×	ion CPU QCPU (A mode) × × ×	QnA CPU × ×	ACPU *1 × ×	FX CPU × ×
1	Q12DCC (2)	PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode) × × × ×	Q12DC CPU-V × × ×	Rela LCPU × × × × × ×	yed Stat	ion CPU QCPU (A mode) × × × ×	QnA CPU × × ×	ACPU *1 × × ×	FX CPU × × × ×
1	Q12DCC Q2	PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode) × × × × ×	Q12DC CPU-V × × × ×	Rela LCPU × × × × × × ×	yed Stat	ion CPU QCPU (A mode) × × × × ×	QnA CPU × × ×	ACPU *1 × × × × ×	FX CPU × × × ×
1	Q12DCC	PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET(II) MELSECNET(II) Ethernet Computer link	QCPU (Q mode) × × × × ×	Q12DC CPU-V × × × ×	Rela LCPU X X X X X X X X X	yed Stat	ion CPU QCPU (A mode) × × × × × ×	QnA CPU × × × × ×	ACPU *1 × × × × ×	FX CPU × × × × × ×
1	Q12DCC	PU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET(II) MELSECNET(II) Ethernet Computer link CC-Link	QCPU (Q mode) × × × × × ×	Q12DC CPU-V × × × × ×	Rela LCPU X X X X X X X A A A A A A A A A A A A	yed Stat QS CPU × × × × × ×	ion CPU QCPU (A mode) × × × × × ×	QnA CPU × × × × × ×	ACPU *1 × × × × × ×	FX CPU × × × × × × × ×

* 1: Including motion controller CPU.

*2: Relayed stations cannot be accessed through the QSCPU.

*3: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(C)	Property	list
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Droporty	DefaultValue	. Property Patterns							
Property	Default value	1	2	3	4				
ActCpuType	1025 (CPU_BOARD)		CPU type corresp	onding to target station					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)				
ActDidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActDsidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActlONumber * 6	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address				
ActMultiDropChannelNumber *7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Connected station side module network number	Connected station side module network number				
ActPortNumber	1 (PORT_1)	Board	No. of IBM-PC/AT com PORT 1 to PORT	patible side MELSECNE 4 (first to fourth boards)	T/H board,				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Connected station side module station number	Connected station side module station number				
ActThroughNetworkType	1 (0x01)		Fixed	to 1(0x01)					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number				

 \pm 6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

 \ast 7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

- (3) When access is made via MELSECNET/10 mode using QCPU (A mode) or ACPU as connected station CPU Operates when the MELSECNET/H board is in the MELSECNET/10 mode.
 - (a) Configuration



(b) Property patterns

Own	rn Station CPU		Polovod Notwork	Relayed Station CPU									
Board	QCPU (A mode)	ACPU *1	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
			CC IE Control CC IE Field	×	×	×	×	×	\times	×	\times		
		2		MELSECNET/H	×	\times	\times	\times	×	\times	×	\times	
(1)	2		MELSECNET/10	3	3	\times	3	2	4	2	\times		
)		Ľ	MELSECNET(II)	×	\times	\times	×	×	×	×	\times	
				Ethernet	×	\times	\times	×	×	×	×	\times	
			Computer link	×	\times	\times	×	×	×	×	\times		
			CC-Link	×	×	\times	×	×	×	×	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

(c) Property list

Property	Dofault Value		P	roperty Patterns			
Fioperty	Delault value	1	2	3			
ActCpuType	1025 (CPU_BOARD)		CPU type cor	rresponding to target station			
ActDestinationIONumber	0 (0x00)		F	Fixed to 0(0x00)			
ActDidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActDsidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)	Fixed to 1023(0x3FF)		
ActMultiDropChannelNumber	0 (0x00)		F	Fixed to 0(0x00)			
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Targ	let station side module network nu	imber		
ActPortNumber	1 (PORT_1)	Board	No. of IBM-PC/AT PORT 1 to PC	compatible side MELSECNET/H ORT 4 (first to fourth boards)	board,		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	t to 255(0xFF) Target station side module station				
ActThroughNetworkType	1 (0x01)		Fixed to 1(0x01)				
ActUnitNumber	0 (0x00)		F	Fixed to 0(0x00)			

(4) When access is made via MELSECNET/10 mode using QnACPU as connected station CPU

Operates when the MELSECNET/H board is in the MELSECNET/10 mode.

(a) Configuration



(b) Property patterns

Own	Connected Station CPU	Polovod Notwork	Relayed Station CPU								
Board QnACPU		Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
		CC IE Control CC IE Field	×	×	×	×	×	×	×	\times	
		MELSECNET/H	×	×	\times	\times	×	\times	\times	\times	
\square	0	MELSECNET/10	3	3	×	3	2	2	2	×	
		MELSECNET(II)	×	×	\times	×	×	\times	\times	\times	
		Ethernet	×	×	\times	\times	×	2	\times	×	
		Computer link	×	×	×	\times	×	4	×	×	
		CC-Link	×	\times	\times	×	×	×	\times	×	
	\bigcirc : Accessible (Property pattern within circle), \times : Inaccessible										

* 1: Including motion controller CPU.

(c) Property list

Dranarty			F	Property Patterns			
Property	Delault value	1	②*2	3	4		
ActCpuType	1025 (CPU_BOARD)	CPU type corresponding to target station					
ActDestinationIONumber 0 (0x00) Fixed to 0(0x00)							
ActDidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActDsidPropertyBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActIONumber * 3	0 (0x00)	Fixed to 0(0x00)	Fixed to 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)	Connected station side relayed module I/O address		

*2: Note the following for access to be made via the Ethernet module (Q series-compatible E71, QE71).

• Specify ActNetworkNumber and ActStationNumber using the values set in the target station side Q series-compatible E71 or QE71.

• Set "Station No. ↔ IP information" in the Q series-compatible E71 or QE71 parameter setting. When making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

(To the next page)

Droporty			Property Patterns						
Ргорепу	Detault value	1	②*2	3	4				
ActMultiDropChannelNumber *4	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Target station side module network number	Connected station side module network number				
ActPortNumber	1 (PORT_1)	Board No	atible side MELSECNE (first to fourth boards)	T/H board,					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Connected station side module station number				
ActThroughNetworkType	1 (0x01)	Fixed to 1(0x01)							
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number				

*2: Note the following for access to be made via the Ethernet module (Q series-compatible E71, QE71).

Specify ActNetworkNumber and ActStationNumber using the values set in the target station side Q series-compatible E71 or QE71.
Set "Station No. → IP information" in the Q series-compatible E71 or QE71 parameter setting. When making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. → IP information system".

*4: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

3.3.34 ActMnetGBD, ActMLMnetGBD control

The following table shows the properties possessed by the ActMnetGBD and ActMLMnetGBD controls and their default values.

(1) When connected station CPU is the QCPU (Q mode) or Q12DCCPU-V

(a) Configuration



(b) Property patterns

Own	Conneo Station	cted CPU		Relayed Station CPU							
Board	QCPU (Q mode)	QS CPU	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
			CC IE Control CC IE Field	2	②*3	2 _{*5}	② *2*3	×	×	×	×
			MELSECNET/H 2 2 ×		×	2*2	×	\times	\times	\times	
	22	2	MELSECNET/10	2	2	×	2*2	2	2	2	\times
		© * Z	MELSECNET(II)	×	×	\times	\times	×	\times	×	\times
			Ethernet	2	\times	\times	②*2	\times	\times	×	\times
			Computer link	3*4	\times	3	\times	\times	3	×	\times
			CC-Link	4	4	4	\times	\times	\times	\times	\times
1	Connected Station CPU		Poloved Network			Rela	yed Stati	ion CPU			
0	Q12DCCPU-V		Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
			CC IE Control CC IE Field	×	×	×	×	×	×	×	×
			MELSECNET/H	×	\times	\times	\times	\times	\times	×	\times
	2	MELSECNET		×	\times	\times	\times	\times	\times	×	\times
	0		MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times
			Ethernet	×	\times	×	×	×	×	×	\times
			Computer link	×	\times	×	\times	\times	×	×	\times
			CC-Link	4	4	4	×	×	\times	\times	\times

* 1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*2: Relayed stations cannot be accessed through the QSCPU.

*3: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(C)	Property	list
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Property	Dofault value		Prope	erty pattern	
Froperty	Delault value	1	2	3	4
ActCpuType	1025 (CPU_BOARD)		CPU type correspor	nding to the target statior	ı
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No.1: 992(0x3E0) No.2: 993(0x3E1) No.3: 994(0x3E2) No.4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No.1: 992(0x3E0) No.2: 993(0x3E1) No.3: 994(0x3E2) No.4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)
ActDidPropertyBit	0 (0x00)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActDsidPropertyBit	0 (0x00)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActIONumber * 6	0 (0x00)	Fixed to 1023(0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No.1: 992(0x3E0) No.2: 993(0x3E1) No.3: 994(0x3E2) No.4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Relayed module I/O address on connected station side	Relayed module I/O address on connected station side
ActMultiDropChannelNumber *7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Module network number on target station side	Module network number on connected station side	Module network number on connected station side
ActPortNumber	1 (PORT_1)	CC-Link IE Contro whose	oller Network board on II e board number is any o	BM-PC/AT-compatible performed by the second se	ersonal computer side, st to fourth)
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Module station number on target station side	Module station number on connected station side	Module station number on connected station side
ActThroughNetworkType	1 (0x01)	Refe	r to the property [ActThr	oughNetworkType] in Se	ection 3.2.
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Module station number on target station side	Module station number on target station side

*6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

3.3.35 ActCCIEFBD, ActMLCCIEFDB control

The following table shows the properties possessed by the ActCCIEFBD and ActMLCCIEFBD controls and their default values.

(1) When connected station CPU is the QCPU (Q mode) or LCPU

(a) Configuration



(b) Property patterns

Own	Connected Station CPU	Deleved Network	Relayed Station CPU								
Board	QCPU (Q mode)	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
		CC IE Control CC IE Field	2	②*2	②*3	×	×	×	×	×	
		MELSECNET/H	2	2	\times	\times	×	\times	×	\times	
	0	MELSECNET/10	2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		2	2	2	×		
	Ľ	MELSECNET(II)	×	\times	\times	\times	×	\times	×	\times	
		Ethernet	2	×	× × × × × × ③ ×	\times	×	\times	×	\times	
		Computer link	3	×	3	×	×	\times	\times	\times	
		CC-Link	4	4	4	\times	×	\times	×	\times	
1	Connected Station CPU	Polovod Notwork	Relayed Station CPU								
	LCPU	Relayed Network	QCPU	Q12DC	LCPU	QS	QCPU	QnA	ACPU	FX	
			(Q mode)	CPU-V		CPU	(A mode)	CPU	*1	CPU	
		CC IE Field * 3	(2)	×	(2)	×	×	×	×	\times	
		MELSECNET/H	×	\times	\times	×	×	×	\times	\times	
	-	MELSECNET/10	×	\times	\times	\times	×	\times	\times	\times	
	2	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times	
		Ethernet	\times	\times	\times	\times	\times	\times	\times	\times	
		Computer link	3	\times	3	\times	×	×	×	\times	
		CC-Link	4	4	4	×	×	×	×	\times	

*1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*2: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(C)	Property	list
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Droporty	Default		Prope	erty pattern	
Property	Default value	1	2	3	(4)
ActCpuType	1025 (CPU_BOARD)		CPU type correspor	nding to the target station	n
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No.1: 992(0x3E0) No.2: 993(0x3E1) No.3: 994(0x3E2) No.4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No.1: 992(0x3E0) No.2: 993(0x3E1) No.3: 994(0x3E2) No.4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActlONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No.1: 992(0x3E0) No.2: 993(0x3E1) No.3: 994(0x3E2) No.4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Relayed module I/O address on connected station side	Relayed module I/O address on connected station side
ActMultiDropChannelNumber *5	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Module network number on target station side	Module network number on connected station side	Module network number on connected station side
ActPortNumber	1 (PORT_1)	CC-Link IE Contro whose	oller Network board on II e board number is any o	BM-PC/AT-compatible p f PORT1 to PORT4 (Firs	ersonal computer side, st to fourth)
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Module station number on target station side	Module station number on connected station side	Module station number on connected station side
ActThroughNetworkType	1 (0x01)	Refe	r to the property [ActThr	oughNetworkType] in Se	ection 3.2.
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Module station number on target station side	Module station number on target station side

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

3.3.36 ActCCBD, ActMLCCBD control

The following table indicates the properties possessed by the ActCCBD, ActMLCCBD control and their default values.

(1) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

(a) Configuration



IBM-PC/AT compatible

(b) Property patterns

Own	Connected Station CPU		Relayed Station CPU								
Board	QCPU	Relayed Network	QCPU	QCPU Q12DC LC	I CPU	QS	QCPU	QnA	ACPU	FX	
((Q mode)		(Q mode)	CPU-V		CPU	(A mode)	CPU	*1	CPU	
Ø		CC IE Control	3	③*2	(3)*3	3*2	×	×	×	×	
		CC IE Field		0.2	0.0	0.2		~~~			
		MELSECNET/H	3	\times	\times	3	×	\times	\times	\times	
	2	MELSECNET/10	3	\times	\times	3	\times	×	\times	\times	
		MELSECNET(II)	×	×	\times	×	×	×	\times	\times	
		Ethernet	3	\times	\times	3	\times	\times	\times	\times	
		Computer link	×	×	×	\times	×	×	\times	\times	
•		CC-Link	×	×	×	×	×	×	\times	×	
(1)	Connected Station CPU	Delayed Natwork			Rela	ayed Sta	ation CPU				
1	Connected Station CPU Q12DC	Relayed Network	QCPU	Q12DC	Rela	ayed Sta	ation CPU QCPU	QnA	ACPU	FX	
1	Connected Station CPU Q12DC CPU-V	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	Rela	ayed Sta QS CPU	ation CPU QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
1	Connected Station CPU Q12DC CPU-V	CC IE Control	QCPU (Q mode) 3	Q12DC CPU-V ③*2	Rela	QS CPU 3 * 2	ation CPU QCPU (A mode) ×	QnA CPU ×	ACPU *1 ×	FX CPU ×	
1	Connected Station CPU Q12DC CPU-V	CC IE Control CC IE Field MELSECNET/H	QCPU (Q mode) 3 3	Q12DC CPU-V ③*2 ③	Rela	QS CPU 3 * 2	ation CPU QCPU (A mode) × ×	QnA CPU ×	ACPU *1 ×	FX CPU ×	
1	Connected Station CPU Q12DC CPU-V	CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) 3 3 3	Q12DC CPU-V ③*2 ③	Rela LCPU × × ×	QS CPU ③ * 2 ③ ③	ation CPU QCPU (A mode) × × ×	QnA CPU × ×	ACPU *1 × ×	FX CPU × × ×	
1	Connected Station CPU Q12DC CPU-V	CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode) ③ ③ ③	Q12DC CPU-V ③*2 ③ ③ ×	Rela LCPU × × × × ×	QS CPU ③ * 2 ③ ③ ×	Attion CPU QCPU (A mode) × × × ×	QnA CPU × × ×	ACPU *1 × × × ×	FX CPU × × ×	
1	Connected Station CPU Q12DC CPU-V	CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode) 3 3 × × ×	Q12DC CPU-V ③*2 ③ ③ × × ×	Rela LCPU X X X X X X	Ayed Star QS CPU ③ * 2 ③ ③ × ×	Attion CPU (A mode) × × × × ×	QnA CPU × × × ×	ACPU *1 × × × ×	FX CPU × × × × ×	
1	Connected Station CPU Q12DC CPU-V	CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode) ③ ③ ③ × × ×	Q12DC CPU-V ③*2 ③ ③ × × ×	Relation Rel	QS CPU ③ * 2 ③ × × ×	Attion CPU (A mode) × × × × × ×	QnA CPU × × × × ×	ACPU *1 × × × ×	FX CPU × × × × × × × ×	

* 1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*2: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.
Broporty	Default Value		Property Patterns	
Property	Delault value	1	2	3
ActCpuType	1025 (CPU_BOARD)		CPU type corresponding to targ	et station
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For redundant CPU Target station side Control system : 976(0x3D0) No specification : 1023(0x3FF)
ActIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module network number
ActPortNumber	1 (PORT_1)	Board	No. of IBM-PC/AT compatible sid PORT 1 to PORT 4 (first to fourt	e CC-Link board, h boards)
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side CC-Link module station number	Target station side module station number
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Connected station side CC-Link module station number

(2) When connected station CPU is LCPU

(a) Configuration



(b) Property patterns

Own Board	Connected Station CPU	Polovod Notwork	Relayed Station CPU									
Own Board	LCPU	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×			
		MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times		
	0	MELSECNET/10	×	×	\times	×	×	\times	×	\times		
	U)	MELSECNET(II)	×	×	\times	×	×	\times	×	\times		
		Ethernet	×	×	\times	×	×	\times	×	\times		
		Computer link	×	×	×	\times	×	\times	×	\times		
		CC-Link	×	×	×	×	×	×	×	\times		
\bigcirc : Accessible (Property pattern within circle), $ imes$: Inaccessible												

*1: Including motion controller CPU.

Broporty	Dofault Value	Property	Patterns		
Fioperty	Delault value	1	2		
A stOre Terms	1025		dian to toward station		
Actopulype	(CPU_BOARD)	CPU type correspond	ung to target station		
ActDoctingtionION	0	Fixed to 0(0x00)	For single CPU		
AcidesimationiOnumber	(0x00)		Fixed to 1023(0x3FF)		
ActIONumber	0				
	(0x00)		Fixed to TU23(UX3FF)		
A sthict work have	0	Fixed to 0(0x00)			
Activetworkinumber	(0x00)				
AstDartNumber	1	Board No. of IBM-PC/AT cor	npatible side CC-Link board,		
ActPortNumber	(PORT_1)	PORT 1 to PORT 4 (first to fourth boards)		
A stOtation Number	255		Target station side CC-Link module station		
ActStationNumber	(0xFF)	FIXED to 255(0XFF)	number		
A still in it human an	0	Fixed to	0/000)		
ActUnitNumber	(0x00)	Fixed to	0(0x00)		

(3) When connected station CPU is QCPU (A mode)

(a) Configuration



IBM-PC/AT compatible

(b) Property patterns

Own Roard	Connected Station CPU	Relayed Natwork	Relayed Station CPU								
QCPU (A mode)		Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×		
		MELSECNET/H	×	×	\times	\times	×	\times	\times	\times	
	0	MELSECNET/10	×	×	×	×	×	\times	×	\times	
	U)	MELSECNET(II)	×	×	\times	×	×	×	×	\times	
		Ethernet	×	×	\times	\times	×	\times	×	\times	
		Computer link	×	×	\times	×	×	×	\times	\times	
		CC-Link	×	×	×	\times	×	×	×	\times	
\bigcirc : Accessible (Property pattern within circle), $ imes$: Inaccessible											

* 1: Including motion controller CPU.

Droporty	Default \/alua	Property	Patterns					
Property	Delault value	1	2					
ActCpuType	1025 (CPU_BOARD)	CPU type correspor	nding to target station					
ActDestinationIONumber	0 (0x00)	Fixed to	0 (0x00)					
ActIONumber	0 (0x00)	Fixed to	Fixed to 0(0x00)					
ActNetworkNumber	0 (0x00)	Fixed to	0 (0x00)					
ActPortNumber	1 (PORT_1)	Board No. of IBM-PC/AT co PORT 1 to PORT 4	mpatible side CC-Link board, (first to fourth boards)					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side CC-Link module station number					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)						

(4) When connected station CPU is QnACPU

(a) Configuration



IBM-PC/AT compatible

(b) Property patterns

Own Roard	Connected Station CPU	Relayed Natural	Relayed Station CPU								
Own Board	QnACPU	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×		
		MELSECNET/H	×	\times	\times	×	×	\times	×	\times	
	٢	MELSECNET/10	×	×	\times	\times	3	×	\times	\times	
	U)	MELSECNET(II)	×	×	\times	\times	×	\times	×	\times	
		Ethernet	×	×	\times	\times	3	×	×	\times	
		Computer link	×	×	×	\times	×	\times	×	\times	
		CC-Link	×	×	×	×	×	\times	×	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Including motion controller CPU.

Droportu	Default \ (alua		Property Patterns					
Property	Default value	1	2	3				
ActCpuType	1025 (CPU_BOARD)	С	PU type corresponding to target	station				
ActDestinationIONumber	0 (0x00)		Fixed to 0(0x00)					
ActIONumber	0 (0x00)	Fixed to 1023(0x3FF)						
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module network number				
ActPortNumber	1 (PORT_1)	Board No P	of IBM-PC/AT compatible side ORT 1 to PORT 4 (first to fourth	CC-Link board, boards)				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side CC-Link module station number	Target station side module station number				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side CC-Link module station number				

(5) When connected station CPU is ACPU

(a) Configuration



IBM-PC/AT compatible

(b) Property patterns

Own Roard	Connected Station CPU	Polovod Notwork	Relayed Station CPU								
ACPU*1		Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×		
		MELSECNET/H	×	\times	×	\times	×	\times	×	\times	
\bigcirc	0	MELSECNET/10	×	×	\times	\times	×	\times	×	\times	
	U)	MELSECNET(II)	×	×	\times	×	×	\times	×	\times	
		Ethernet	×	×	\times	×	×	\times	×	\times	
	Computer link	×	×	\times	×	×	\times	\times	\times		
		CC-Link	×	×	×	\times	×	\times	×	\times	
\bigcirc : Accessible (Property pattern within circle), \times : Inaccessible											

* 1: Including motion controller CPU.

Droporty	Default \ (alua	Property	Patterns
Property	Default Value	1	2
ActCpuType	1025 (CPU_BOARD)	CPU type correspon	ding to target station
ActDestinationIONumber	0 (0x00)	Fixed to	0(0x00)
ActIONumber	0 (0x00)	Fixed to	0(0x00)
ActNetworkNumber	0 (0x00)	Fixed to	0(0x00)
ActPortNumber	1 (PORT_1)	Board No. of IBM-PC/AT col PORT 1 to PORT 4	mpatible side CC-Link board, (first to fourth boards)
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number
ActUnitNumber	0 (0x00)	Fixed to	0(0x00)

3.3.37 ActAnUBD, ActMLAnUBD control

The following table indicates the properties possessed by the ActAnUBD, ActMLAnUBD control and their default values.

(1) Configuration

(2) Property patterns

			Connected Station CPU	Relayed	Relayed Station CPU							
	Extension base unit Relayed Relayed network Relayed Relayed Relayed Relayed Relayed Relayed Relayed Relayed	n base unit	Own Board	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU
		module		CC IE Control CC IE Field	×	\times	×	\times	×	×	×	×
			MELSECNET/H	×	×	\times	\times	\times	\times	\times	\times	
			1	MELSECNET/10	\times	×	\times	\times	2	2*2	2	\times
		U	MELSECNET(II)	×	×	\times	\times	3	3*2	3	\times	
l			Ethernet	×	×	\times	\times	×	×	×	\times	
			Computer link	×	×	\times	\times	×	×	×	\times	
				CC-Link	×	×	×	\times	×	×	\times	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Including motion controller CPU.

* 2: Operates as the one equivalent to AnACPU.

Dranath	Default Value	Property Patterns						
Property	Delault value	1	2	3				
ActCpuType	271 (CPU_A2USHS1CPU)	CPU type corresponding to target station						
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00) Target station side module network number network number		Fixed to 0(0x00)				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number				

3.3.38 ActLLT, ActMLLLT control

The following table indicates the properties possessed by the ActLLT, ActMLLLT control and their default values.

Property	Dofault Value	Property Pattern				
Property	Delault value	Own station	Other station			
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side network number			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side station number			
ActTimeOut	10000	Any value specified by user in ms units				

POINT

When any of the following settings has been included in the property settings, the access destination will be own station.

- ActNetworkNumber: The number outside the range 1 to 255 has been set.
- ActStationNumber: The number outside the range 0 to 64 has been set.

3.3.39 ActSIM, ActMLSIM control

The following table indicates the properties possessed by the ActSIM, ActMLSIM control and their default values.

Property Default Value		Property Pattern
ActTargetSimulator	0 (0x00)	Refer to the property [ActTargetSimulator] in Section 3.2

3.3.40 ActQCPUQBus, ActMLQCPUQBus control

The following table indicates the properties possessed by the ActQCPUQBus, ActMLQCPUQBus control and their default values.

(1) Configuration



(2) Property

Property	Default Value	Property Pattern
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station
ActIONumber	992 (0x3E0)	Target station No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2)

	POINT								
L V	Use any of the following controls for access to the programmable controller CPU via the corresponding module controlled by the PC CPU module.								
	Controls Used								
	Relayed		For VB, VC++, VBA	For VBScript					
	MELSECNE	ET/H module	ActMnetHBD	ActMLMnetHBD					
	CC-Link	module	ActCCBD	ActMLCCBD					

3.3.41 ActA6TEL control

The following table indicates the properties possessed by the ActA6TEL control and their default values.

(1) Configuration



(2) Property patterns

Connected Station CPU	Relayed Network	Relayed Station CPU							
ACPU * 1		QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	CC IE Control CC IE Field	×	×	×	×	×	×	×	\times
	MELSECNET/H	×	×	×	×	×	×	×	×
1	MELSECNET/10	×	×	×	X	2	×	2	×
0	MELSECNET(II)	×	×	×	×	3	×	3	×
	Ethernet	×	×	×	×	×	×	×	×
	Computer link	×	×	×	×	×	×	×	×
	CC-Link	×	×	×	×	×	×	×	\times
	\bigcirc : Accessible (Property pattern within circle), \times : Inaccessible								

*1: Including motion controller CPU.

Droparty	Default Value	Property Patterns					
Property	Delault value	1	2	3			
ActATCommand	Empty		Any value specified by user				
ActATCommandPasswordCancelRetryTimes	3		Any value specified by	user			
ActATCommandResponseWaitTime	1		Any value specified by use	er (unit s)			
ActConnectionCDWaitTime	90		Any value specified by use	er (unit s)			
ActConnectionModemReportWaitTime	5		Any value specified by use	er (unit s)			
ActCpuType	262 (CPU_A1NCPU)	CP	U type corresponding to ta	arget station			
ActDialNumber	Empty	Telepho	one number of any value s	pecified by user			
ActDisconnectionCDWaitTime	5	Any value specified by user (unit s)					
ActDisconnectionDelayTime	3	Any value specified by user (unit s)					
ActLineType	1 (LINETYPE_TONE)	LINETYPE_PUL	.SE(0), LINETYPE_TONE	(1), LINETYPE_ISDN(2)			
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)			
ActOutsideLineNumber	Empty	Outside line	access number of any va	lue specified by user			
ActPassword	Empty	Pa	ssword set to the Q6TEL	and A6TEL			
ActPasswordCancelResponseWaitTime	5		Any value specified by use	er (unit s)			
ActPortNumber	1 (PORT_1)	IBM-F	C/AT compatible side CO	M port number			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number			
ActTimeOut	10000	Ar	ny value specified by user	in ms units			
ActTransmissionDelavTime	0		Any value specified by user (unit s)				

3.3.42 ActQ6TEL control

The following table indicates the properties possessed by the ActQ6TEL control and their default values.

(1) Configuration



(2) Property patterns

Connected Station CPU	Relayed Network	Relayed Station CPU							
QnACPU		QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×
	MELSECNET/H	×	×	×	×	×	×	×	×
(Î)	MELSECNET/10	×	×	×	×	×	2	\times	\times
0	MELSECNET(II)	×	×	×	×	×	3	\times	×
	Ethernet	×	×	×	×	×	2	×	\times
	Computer link	×	×	×	×	×	4	\times	×
	CC-Link	×	×	×	×	×	×	×	\times
	\bigcirc : Accessible (Property pattern within circle). \times : Inaccessible								

*1: Including motion controller CPU.

(3) Property list

Dreneti	Defeutt		Pro	operty Patterns		
Property	Default Value	1	②*2	3	4	
ActATCommand	Empty	Any value specified by user				
ActATCommandPasswordCancelRetryTimes	3		Any val	ue specified by	user	
ActATCommandResponseWaitTime	1		Any value s	pecified by use	er (unit s)	
ActConnectionCDWaitTime	90		Any value s	pecified by use	er (unit s)	
ActConnectionModemReportWaitTime	5	Any value specified by user (unit s)				
ActCpuType	17 (CPU_Q2ACPU)	CPU type corresponding to target station				
ActDialNumber	Empty	Tele	phone number	r of any value s	specified by user	
ActDisconnectionCDWaitTime	5		Any value s	pecified by use	er (unit s)	
ActDisconnectionDelayTime	3		Any value s	pecified by use	er (unit s)	
ActIONumber * 3	1023 (0x3FF)	Fixed to Fixed to Fixed to Connected static 1023(0x3FF) 1023(0x3FF) 1023(0x3FF) module I/O adv			Connected station side module I/O address	
ActLineType	1 (LINETYPE_TONE)	LINETYPE_PULSE(0), LINETYPE_TONE(1), LINETYPE_IS				

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. \leftrightarrow IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the

automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

 \pm 3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Droparti	Default		Property	Patterns	
Property	Value	1	②*2	3	4
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00) Target station side number		Fixed to 0(0x00)	Fixed to 0(0x00)
ActOutsideLineNumber	Empty	Outside	line access number o	of any value specified	by user
ActPassword	Empty		Password set	to the Q6TEL	
ActPasswordCancelResponseWaitTime	5		Any value specifie	ed by user (unit s)	
ActPortNumber	1 (PORT_1)	IBI	M-PC/AT compatible	side COM port num	ber
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Fixed to 255(0xFF)
ActTimeOut	10000		Any value specified	by user in ms units	
ActTransmissionDelayTime	0		Any value specifie	ed by user (unit s)	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number

*2: Note the following points when making access via the Ethernet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

3.3.43 ActFXCPUTEL control

The following table indicates the properties possessed by the ActFXCPUTEL control and their default values.

(1) Configuration



(b) Property patterns

Connected Station CPU	Relayed Network			Relay	Relayed Station CPU					
FXCPU	Nelayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	\times	
	MELSECNET/H	×	×	×	×	×	×	\times	\times	
(Î)	MELSECNET/10	×	×	\times	×	×	×	\times	\times	
0	MELSECNET(II)	×	×	×	×	×	×	\times	×	
	Ethernet	×	×	×	×	×	×	×	\times	
1	Computer link	×	×	×	×	×	×	×	×	
	CC-Link	×	×	×	×	×	×	×	\times	
	\bigcirc : Accessible (Property pattern within circle), $ imes$: Inaccessible									

*1: Including motion controller CPU.

Droporty	Default Value	Property Patterns
Property	Delault value	1
ActATCommand	Empty	Any value specified by user
ActATCommandPasswordCancelRetryTimes	3	Any value specified by user
ActATCommandResponseWaitTime	1	Any value specified by user (unit s)
ActConnectionCDWaitTime	90	Any value specified by user (unit s)
ActConnectionModemReportWaitTime	5	Any value specified by user (unit s)
ActCpuType	513 (CPU_FX0CPU)	CPU type corresponding to target station
ActDialNumber	Empty	Telephone number of any value specified by user
ActDisconnectionCDWaitTime	5	Any value specified by user (unit s)
ActDisconnectionDelayTime	3	Any value specified by user (unit s)
ActLineType	1 (LINETYPE_TONE)	LINETYPE_PULSE(0), LINETYPE_TONE(1), LINETYPE_ISDN(2)
ActOutsideLineNumber	Empty	Outside line access number of any value specified by user
ActPasswordCancelResponseWaitTime	5	Any value specified by user (unit s)
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number
ActTimeOut	10000	Any value specified by user in ms units
ActTransmissionDelayTime	0	Any value specified by user (unit s)

3.3.44 ActQJ71C24TEL control

The following table indicates the properties possessed by the ActQJ71C24TEL control and their default values.

(1) When there is relayed module in addition to connected station side Q series-compatible C24

(a) Configuration



(b) Property patterns

Connected Station CPU	Poloved Network	Relayed Station CPU							
QCPU	Relayed Network	QCPU	Q12DC	LCPU	QS	QCPU	QnA	ACPU	FX
(Q mode)		(Q mode)	CPU-V		CPU	(A mode)	CPU	*1	CPU
	CC IE Control CC IE Field	2	②*2	2*4	②*2	×	×	×	×
	MELSECNET/H	2	2	\times	2	\times	\times	\times	\times
1	MELSECNET/10	2	2	×	2	2	2	2	\times
0	MELSECNET(II)	×	×	×	×	×	×	\times	\times
	Ethernet	2	×	×	2	×	2	\times	\times
	Computer link	3 * 3	×	3	×	×	3	\times	×
	CC-Link	4	4	4	×	4	4	4	×

*1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*2: Inaccessible to Q12DCCPU-V and QSCPU relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

(c) Property list

Broporty	Default \/alua	Property Patterns					
Property	Delault value	1	2 * 5	3	4		
ActATCommand	Empty	Any value specified by user					
ActATCommandPasswordCancelRetryTimes	3		Any value spe	ecified by user			
ActATCommandResponseWaitTime	1		Any value specifie	ed by user (unit s	6)		
ActBaudRate	19200 (BAUDRATE_19200)	19200BAUDRATE_9600, BAUDRATE_19200, BAUDR(BAUDRATE_19200)BAUDRATE_5700, BAUDRATE_11524(Match to the setting of Q series-compatible					
ActCallbackCancelWaitTime	90		Any value specifie	ed by user (unit s	s)		
ActCallbackDelayTime	20		Any value specifie	ed by user (unit s	s)		
ActCallbackNumber	Empty	Telepho	y value specified	l by user			
ActCallbackReceptionWaitingTimeOut	120	Any value specified by user (unit s)					
ActConnectionCDWaitTime	90		Any value specifie	ed by user (unit s	6)		

*5: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Droparty	Default Value	Property Patterns					
Property	Default value	1	2*5	3	4		
ActConnectionModemReport WaitTime	5		Any value specifi	ed by user (unit s)			
ActConnectUnitNumber	0 (0x00)		Connected station side	module station numbe	r		
ActConnectWay	0 (TEL_AUTO_ CONNECT)	TEL_AUTO_CONNECT(0), TEL_AUTO_CALLBACK(1), TEL_AUTO_CALLBACK_NUMBER(2), TEL_CALLBACK(3), TEL_CALLBACK_NUMBER(4), TEL_CALLBACK_REQUEST(5), TEL_CALLBACK_REQUEST_NUMBER(6), TEL_CALLBACK_WAIT(7) (Depending on callback function setting)					
ActCpuType	34 (CPU_Q02CPU)		CPU type correspor	nding to target station			
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)		
ActDialNumber	Empty	Т	elephone number of ar	y value specified by us	er		
ActDidpropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActDisconnectionCDWaitTime	5		Any value specifi	ed by user (unit s)			
ActDisconnectionDelayTime	3		Any value specifi	ed by user (unit s)			
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActIntelligentPreferenceBit	0 (0x00)		Fixed to	0(0x00)			
ActIONumber * 6	1023 (0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system: 976(0x3D0) No specification: 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address		

*5: Note the following points when making access via the Ethernet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Descents	Defeult) (elus	Property Patterns					
Property	Default Value	1	2 * 5	3	4		
ActLineType	1 (LINETYPE_TONE)	LINETYPE_F	PULSE(0), LINETYP	E_TONE(1), LINET	YPE_ISDN(2)		
ActMultiDropChannelNumber * 7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)		
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActOutsideLineNumber	Empty	Outside I	ine access number o	of any value specifie	d by user		
ActPassword	Empty	Pa	ssword set to the Q	series-compatible C	24		
ActPasswordCancelResponse WaitTime	5		Any value specifie	ed by user (unit s)			
ActPortNumber	1 (PORT_1)	IBN	I-PC/AT compatible	side COM port num	ber		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)		
ActThroughNetworkType	0 (0x00)	Refer to the propert	y [ActThroughNetwo	orkType] in Section 3	.2.		
ActTimeOut	10000	Any value specified by user in ms units					
ActTransmissionDelayTime	0	Any value specified by user (unit s)					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number		

*5: Note the following points when making access via the Ethernet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

(2) When connected station side Q series-compatible C24 is used for multidrop link with relayed module

(a) Configuration



(b) Property patterns

Connected Station CPU				Relaye	ed Sta	tion CPU			
OCPLI (O mode)	Relayed Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
		(Q mode)	CPU-V		CPU	(A mode)	CPU	*1	CPU
Independent mode * 2 ①	Computer link	2*3	×	2	\times	×	2	\times	\times

* 1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*2: The independent mode indicates that the parameters have been set as indicated below.

CH1 side: Operation setting for transmission setting = independent (0),

communication protocol setting = 0

CH2 side: Operation setting for transmission setting = independent (0)

*3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

(c) Property list

Property	Default Value	Property Patterns			
Froperty	Delault value	1	2		
ActATCommand	Empty	Any value spe	ecified by user		
ActATCommandPasswordCancelRetryTimes	3	Any value specified by user			
ActATCommandResponseWaitTime	1	Any value specifie	ed by user (unit s)		
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRAT BAUDRATE_57600, (Match to the setting of 0	E_19200, BAUDRATE_38400, BAUDRATE_115200 Q series-compatible C24)		
ActCallbackCancelWaitTime	90	Any value specifie	ed by user (unit s)		
ActCallbackDelayTime	20	Any value specified by user (unit s)			
ActCallbackNumber	Empty	Telephone number of an	y value specified by user		
ActCallbackReceptionWaitingTimeOut	120	Any value specifie	ed by user (unit s)		
ActConnectionCDWaitTime	90	Any value specifie	ed by user (unit s)		
ActConnectionModemReportWaitTime	5	Any value specifie	ed by user (unit s)		
ActConnectUnitNumber	0 (0x00)	Connected station side module station number	Connected station side module station number		
ActConnectWay	0 (TEL_AUTO_CONNECT)	TEL_AUTO_CONNECT(0), TEL_AUTO_CALLE TEL_AUTO_CALLBACK_NUMBER(2), TEL_CALL TEL_CALLBACK_NUMBER(4), TEL_CALLBACK_REQUEST(5), TEL_CALLBACK_REQUEST_NUMBER(4) TEL_CALLBACK_REQUEST_NUMBER(4) (Depending on callback function setting)			

Droporty	Default	Property	y Patterns		
Property	Delault value	1	2		
ActCpuType	34 (CPU_Q02CPU)	CPU type correspon	nding to target station		
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU : 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system : 976(0x3D0) No specification : 1023(0x3FF)		
ActDialNumber	Empty	Telephone number of a	ny value specified by user		
ActDidpropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActDisconnectionCDWaitTime	5	Any value specified by user (unit s)			
ActDisconnectionDelayTime	3	Any value specified by user (unit s)			
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActIntelligentPreferenceBit	0 (0x00)	Fixed to	o 0(0x00)		
ActIONumber * 4	1023 (0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system : 976(0x3D0) No specification : 1023(0x3FF)	Connected station side relayed module I/O address		
ActLineType	1 (LINETYPE_TONE)	LINETYPE_PULSE(0), LINETYF	PE_TONE(1), LINETYPE_ISDN(2)		
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number		

* 4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

 \ast 5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

3 DETAILS OF THE ACT CONTROLS

Droport /	Default\/alua	Property	Patterns		
Property	Default value	1	2		
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)			
ActOutsideLineNumber	Empty	Outside line access number	of any value specified by user		
ActPassword	Empty	Password set to the Q	series-compatible C24		
ActPasswordCancelResponseWaitTime	5	Any value specified by user (unit s)			
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number			
ActStationNumber	255 (0xFF)	Fixed to 2	255(0xFF)		
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThrou	ghNetworkType] in Section 3.2.		
ActTimeOut	10000	Any value specified by user in ms units			
ActTransmissionDelayTime	0	Any value specified by user (unit s)			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00) Target station side station number			

3.3.45 ActLJ71C24TEL control

The following table indicates the properties possessed by the ActLJ71C24TEL control and their default values.

(1) When there is relayed module in addition to connected station side LJ71C24

(a) Configuration



IBM-PC/AT compatible

(b) Property patterns

Connected Station CPU	Polavod Notwork		Relayed Station CPU						
LCPU	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	CC IE Field * 4	4	×	4	×	×	×	×	\times
	MELSECNET/H	×	×	\times	\times	×	×	×	\times
	MELSECNET/10	×	×	\times	\times	×	×	×	\times
①*2	MELSECNET(II)	×	×	\times	\times	×	×	×	\times
	Ethernet	×	×	\times	\times	×	×	×	×
	Computer link	2*3	×	2	\times	×	2	×	\times
	CC-Link	3	3	3	×	3	3	3	\times

*1: Including motion controller CPU.

*2: Indicates the CH2 side setting. (CH1 side fixed to independent mode)

*3: The Redundant CPU is inaccessible to the computer link module which is on the main base.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

(c) Property list

Broporty	Default Value	Property Patterns					
Property	Delault value	1	2	3	4		
ActATCommand	Empty	Any value specified by user					
ActATCommandPasswordCancelRetryTimes	3		Any value spe	ecified by user			
ActATCommandResponseWaitTime	1		Any value spe	ecified by user			
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_384 BAUDRATE_57600, BAUDRATE_115200 (Match to the setting of LJ71C24)					
ActCallbackCancelWaitTime	90		Any value specifie	ed by user (unit s)		
ActCallbackDelayTime	20		Any value specifie	ed by user (unit s)		
ActCallbackNumber	Empty	Any value specified by user (unit s)					
ActCallbackReceptionWaitingTimeOut	120	Any value specified by user (unit s)					
ActConnectionCDWaitTime	90		Any value specifie	ed by user (unit s)		

Branarti (Default Value	Property Patterns					
Ргорепу		1	2	3	4		
ActConnectionModemReport WaitTime	5		Any value spo	ecified by user (unit s)			
ActConnectUnitNumber	0 (0x00)		Connected station	side module station nur	mber		
ActConnectWay	0 (TEL_AUTO_ CONNECT)	TEL_ TEL_ TEL_CAI	EL_AUTO_CONNECT L_AUTO_CALLBACK_ CALLBACK_NUMBER LLBACK_REQUEST_N (Depending on ((0), TEL_AUTO_CALL NUMBER(2), TEL_CAI (4), TEL_CALLBACK_ NUMBER(6), TEL_CAL callback function setting	BACK(1), LLBACK(3), REQUEST(5), LBACK_WAIT(7) g)		
ActCpuType	161 (CPU_Q02CPU)		CPU type corres	sponding to target static	n		
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)	Fixed to 0(0x00)		
ActDialNumber	Empty		Telephone number of	of any value specified b	y user		
ActDidpropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActDisconnectionCDWaitTime	5		Any value spe	ecified by user (unit s)	L		
ActDisconnectionDelayTime	3		Any value spe	ecified by user (unit s)			
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActIntelligentPreferenceBit	0 (0x00)		Fixe	ed to 0(0x00)			
ActlONumber * 5	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Target station side Control system: 976(0x3D0) No specification: 1023(0x3FF)		

* 5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Droporty	Default \/alua		Property	Patterns		
Property	Delault value	1	2	3	4	
ActLineType	1 (LINETYPE_TONE)	LINETYPE_PULSE(0), LINETYPE_TONE(1), LINETYPE_ISDN(2)				
ActMultiDropChannelNumber * 6	0 (0x00)	Fixed to 0(0x00)	Fixed toMultidrop channelFixed to0(0x00)number0(0x00)			
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00) Module number of station				
ActOutsideLineNumber	Empty	Outside	line access number	of any value specified	d by user	
ActPassword	Empty		Password set	to the module		
ActPasswordCancelResponse WaitTime	5		Any value specifi	ed by user (unit s)		
ActPortNumber	1 (PORT_1)	IB	M-PC/AT compatible	side COM port num	ber	
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF)		Module station number on target station side	
ActThroughNetworkType	0 (0x00)	Refer to th	ne property [ActThrou	ghNetworkType] in S	Section 3.2.	
ActTimeOut	10000	Any value specified by user in ms units				
ActTransmissionDelayTime	0	Any value specified by user (unit s)				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)			

* 6: Specify the following as the channel No. to be multidrop-linked.
0: Use default channel of module.
1: Channel 1
2: Channel 2

(2) When connected station side LJ71C24 is used for multidrop link with relayed module

(a) Configuration



IBM-PC/AT compatible

(b) Property patterns

Connected Station CPU				Relaye	ed Sta	tion CPU			
OCDLL (O modo)	Relayed Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
		(Q mode)	CPU-V	LCFU	CPU	(A mode)	CPU	*1	CPU
Independent mode $①$	Computer link	2*2	\times	2	\times	×	2	\times	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Including motion controller CPU.

*2: The Redundant CPU is inaccessible to the computer link module which is on the main base.

(c) Property list

Property	Default Value	Property	Patterns	
		1 2		
ActATCommand	Empty	Any value spe	cified by user	
ActATCommandPasswordCancelRetryTimes	3	Any value spe	cified by user	
ActATCommandResponseWaitTime	1	Any value specifie	ed by user (unit s)	
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRAT BAUDRATE_57600, (Match to the setting of L	E_19200, BAUDRATE_38400, BAUDRATE_115200 . series-compatible C24)	
ActCallbackCancelWaitTime	90	Any value specifie	ed by user (unit s)	
ActCallbackDelayTime	20	Any value specifie	ed by user (unit s)	
ActCallbackNumber	Empty	Any value specified by user (unit s)		
ActCallbackReceptionWaitingTimeOut	120	Any value specifie	ed by user (unit s)	
ActConnectionCDWaitTime	90	Any value specifie	ed by user (unit s)	
ActConnectionModemReportWaitTime	5	Any value specifie	ed by user (unit s)	
ActConnectUnitNumber	0 (0x00)	Connected station side module station number	Connected station side module station number	
ActConnectWay	0 (TEL_AUTO_CONNECT)	TEL_AUTO_CONNECT(0), TEL_AUTO_CALLBACK(1 TEL_AUTO_CALLBACK_NUMBER(2), TEL_CALLBACK TEL_CALLBACK_NUMBER(4), TEL_CALLBACK_REQUEST(5), TEL_CALLBACK_REQUEST_NUMBER(6), TEL_CALLBACK_WAIT(7) (Depending on callback function setting)		
			(To the next page)	

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Droperty	Default \/alua	Property Patterns			
Property	Delault Value	1	2		
ActCpuType	161 (CPU_L02CPU)	CPU type correspor	iding to target station		
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) For Redundant CPU Control system : 976(0x3D0) No specification : 1023(0x3FF)		
ActDialNumber	Empty	Telephone number of an	y value specified by user		
ActDidpropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActDisconnectionCDWaitTime	5	Any value specifi	ed by user (unit s)		
ActDisconnectionDelayTime	3	Any value specifi	ed by user (unit s)		
ActDsidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)			
ActIONumber * 3	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF)	Connected station side relayed module I/O address		
ActLineType	1 (LINETYPE_TONE)	LINETYPE_PULSE(0), LINETYP	E_TONE(1), LINETYPE_ISDN(2)		
ActMultiDropChannelNumber * 4	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number		
ActNetworkNumber	0 (0x00)	Fixed to	0(0x00)		
ActOutsideLineNumber	Empty	Outside line access number	of any value specified by user		
ActPassword	Empty	Password set to the	e Q6TEL or A6TEL		
ActPasswordCancelResponseWaitTime	5	Any value specifi	ed by user (unit s)		
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible	side COM port number		
ActStationNumber	255 (0xFF)	Fixed to 2	255(0xFF)		
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.			
ActTimeOut	10000	Any value specified	by user in ms units		
ActTransmissionDelayTime	0	Any value specifi	ed by user (unit s)		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number		

* 3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

 \ast 4: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1

2: Channel 2

3.3.46 ActAJ71QC24TEL control

The following table indicates the properties possessed by the ActAJ71QC24TEL control and their default values.

 When there is relayed module in addition to connected station side QC24

(a) Configuration



IBM-PC/AT compatible

(b) Property patterns

Connected Station CPU	Poloved Network			R	elayed S	Station CPU			
QnACPU	Relayed Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×
	MELSECNET/H	×	×	\times	×	×	×	\times	\times
(1)	MELSECNET/10	×	×	\times	\times	×	2	\times	\times
U	MELSECNET(II)	×	×	\times	\times	×	3	×	\times
	Ethernet	×	\times	\times	\times	×	2	\times	\times
	Computer link	×	×	\times	\times	×	4	×	\times
	CC-Link	×	×	\times	×	×	4	×	\times

*1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

(c) Property list

Dreneti	Default	Property Patterns							
Ргорену	Detault value	1	2*2	3	4				
ActATCommand	Empty		Any value specified by user						
ActATCommandPasswordCancelRetryTimes	3		Any value spe	ecified by user					
ActATCommandResponseWaitTime	1	Any value specified by user (unit s)							
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of QC24N.							
ActConnectionCDWaitTime	90		Any value specifi	ed by user (unit s)				
ActConnectionModemReportWaitTime	5		Any value specifi	ed by user (unit s	a)				
ActConnectUnitNumber	0 (0x00)	Connected station side module station numbe			number				
ActCpuType	17 (CPU_Q2ACPU)	CP	tion						

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Droport/	DefaultValue		Proper	ty Patterns					
Property	Delault value	1	②*2	3	4				
ActDialNumber	Empty	Telephone number of any value specified by user							
ActDisconnectionCDWaitTime	5		Any value spec	ified by user (unit	s)				
ActDisconnectionDelayTime	3		Any value spec	ified by user (unit	s)				
ActIONumber * 3	1023 (0x3FF)	Fixed toFixed toFixed toC1023(0x3FF)1023(0x3FF)1023(0x3FF)1023(0x3FF)			Connected station side relayed module I/O address				
ActLineType	1 (LINETYPE_TONE)	LINETYPE_P	ULSE(0), LINETY	PE_TONE(1), LIN	ETYPE_ISDN(2)				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActOutsideLineNumber	Empty	Outside li	ne access numbe	r of any value spe	cified by user				
ActPasswordCancelResponseWaitTime	5		Any value spec	ified by user (unit	s)				
ActPortNumber	1 (PORT_1)	IBM	1-PC/AT compatib	le side COM port	number				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Fixed to 255(0xFF)				
ActTimeOut	10000	Any value specified by user in ms units							
ActTransmissionDelayTime	0	Any value specified by user (unit s)							
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number				

*2: Note the following points when making access via the Ethernet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

(2) When connected station side QC24 is used for multidrop link with relayed module

(a) Configuration



(b) Property patterns

Connected Station CPU				Relaye	ed Sta	tion CPU			
QCPU (Q mode)	Relayed Network	QCPU	Q12DC	LCPU	QS QCPU		QnA ACPU		FX
		(Q mode)	CPU-V		CPU	(A mode)	CPU	*1	CPU
Independent mode *2 ①	Computer link	×	\times	×	\times	×	2	\times	\times

* 1: Including motion controller CPU.

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*2: The independent mode indicates that the module switch have been set as indicated below. CH1 side: Mode setting switch = 5, SW01 of operation setting switch = OFF

(c) Property list

Broporty	Default Value	Property Patterns				
Property	Delault value	1	2			
ActATCommand	Empty	Any value specified by user				
ActATCommandPasswordCancelRetryTimes	3	Any value sp	ecified by user			
ActATCommandResponseWaitTime	1	Any value specifi	ed by user (unit s)			
ActBaudRate	19200 (BAUDRATE_19200)	Match to the setting of QC24N.				
ActConnectionCDWaitTime	90	Any value specifi	ed by user (unit s)			
ActConnectionModemReportWaitTime	5	Any value specified by user (unit s)				
ActConnectUnitNumber	0 (0x00)	Connected station side module station number				
ActCpuType	17 (CPU_Q2ACPU)	CPU type corresponding to target station				
ActDialNumber	Empty	Telephone number of ar	ny value specified by user			
ActDisconnectionCDWaitTime	5	Any value specifi	ed by user (unit s)			
ActDisconnectionDelayTime	3	Any value specifi	ed by user (unit s)			
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module I/O address			
ActLineType	1 (LINETYPE_TONE)	LINETYPE_PULSE(0), LINETYPE_TONE(1), LINETYPE_ISDN				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)				
ActOutsideLineNumber	Empty	Outside line access number	of any value specified by user			

* 3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Dreset	Defeutblie	Property Patterns					
Property	Delault value	1	2				
ActPasswordCancelResponseWaitTime	5	Any value specifi	ed by user (unit s)				
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)					
ActTimeOut	10000	Any value specified	l by user in ms units				
ActTransmissionDelayTime	0	Any value specified by user (unit s)					
ActUnitNumber	0 (0x00)	Fixed to 0(0xFF)	Target station side module station number				

3.3.47 ActGOT, ActMLGOT control

The following table indicates the properties possessed by the ActGOT, ActMLGOT control and their default values.

(1) Configuration



(2) Property patterns

Dreparty	Default value	Property patterns
Property	Default value	0
ActHostAddress	1.1.1.1	Host name or IP address of connected GOT
ActPortNumber	5011	IBM-PC/AT compatible side port number
ActTimeOut	10000	Any value specified by user in ms units

3.3.48 ActGOTTRSP, ActMLGOTTRSP control

The following table indicates the properties possessed by the ActGOTTRSP, ActMLGOTTRSP control and their default values.

POINT	
For usable sys	stem configuration, refer to GOT1000 Series Connection Manual

- (1) IBM-PC/AT compatible side port: Serial, GOT1000 side port: Serial, CPU side port: Direct connection
 - (a) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

1. Configuration

2. Property patterns

			Connected Station CPU	Relayed		F	Relaye	d Stat	ion CPL	J		
GOT Serial	Connected station CPU	Relayed module	QCPU (Q mode) * 1	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
Serial Relayed network				CC IE Control CC IE Field	2	2*3	② *5	×	×	×	×	\times
				MELSECNET/H	2	2	×	\times	\times	\times	\times	\times
	CPU	Relayed		MELSECNET/10	2	2	×	\times	2	2	2	\times
ĬŌ	010	module		MELSECNET(II)	×	\times	×	\times	\times	\times	\times	\times
IBM-PC/AT compatible				Ethernet	2	\times	×	\times	\times	2	\times	\times
				Computer link	3	\times	3	\times	\times	3	\times	\times
				CC-Link	4	4	4	\times	4 *4	4 *4	4 *4	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

* 3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later.

* 5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Dranarti	Default		Property Patterns							
Property	Default value	1	②*6	3	4					
ActBaudRate	19200 BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400, (BAUDRATE_19200) BAUDRATE_57600, BAUDRATE_115200									
ActConnectUnitNumber	0 (0x00)		Not Used							
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station								
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)					

*6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

Draparti	Default	Property Patterns						
Property	Value	1	②*6	3	4			
ActDestinationPortNumber	0 (0x00)		Not Used					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActGotTransparentPCIf	1 (0x01)		Serial (via GOT): F	Fixed to 2				
ActGotTransparentPLCIf	1 (0x01)		CPU module QCPU (Q m	node): Fixed to 1				
ActHostAddress	1.1.1.1		Not Used					
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)			
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address			
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)			
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)	IB	M-PC/AT compatible side	COM port number				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)			
ActSourceNetworkNumber	0 (0x00)		Not Used					
ActSourceStationNumber	0 (0x00)	Not Used						
ActThroughNetworkType	0 (0x00)	Refer to th	ne property [ActThroughNe	etworkType] in Sectio	n 3.2.			
ActTimeOut	10000		Any value specified by u	iser in ms units				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number			

*6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

Set the "Station No.→ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.→ IP information system".

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

(b) When connected station CPU is LCPU

1. Configuration



			Relayed		Relayed Station CPU						
GOT Serial	Connected Relayed	LCPU	Network		Q12DC		QS	QCPU	QnA	ACPU	FX
Serial	Serial		((Q mode) * 1	CPU-V		CPU	(A mode)	CPU	*2	CPU
	Relayed network		CC IE Field *4	4	\times	4	\times	\times	×	×	\times
			MELSECNET/H	×	\times	\times	\times	\times	×	×	\times
	Relay target Relayed		MELSECNET/10	×	\times	\times	\times	\times	\times	\times	\times
	CPU module	1	1	×	\times	\times					
	9		Ethernet	×	\times	\times	\times	\times	\times	×	\times
	5		Computer link	2	\times	2	\times	\times	2	×	\times
			CC-Link	3	3	3	\times	③*3	3*3	3*3	\times
		*1: Inaccess	⊖: A sible to Redundant	Accessible (CPU.	Property	/ patte	rn wit	hin circle	e), × :	Inacces	sible

*2: Including motion controller CPU.

*3: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later. *4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

IBM-P

Property	Dofault Value	Property Patterns							
Fioperty	Delault value	\bigcirc	2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)	BA	UDRATE_9600, BAUDF BAUDRATE_576	RATE_19200, BAUDRA ⁻ 00, BAUDRATE_11520	TE_38400, 0				
ActConnectUnitNumber	0 (0x00)		٢	Not Used					
ActCpuType	34 (CPU_Q02CPU)		CPU type corresponding to target station						
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Fixed to 0(0x00)				
ActDestinationPortNumber	0 (0x00)	Not Used							
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActGotTransparentPCIf	1 (0x01)		Serial (via	GOT): Fixed to 2					
ActGotTransparentPLCIf	1 (0x01)		CPU modul	e LCPU: Fixed to 6					
ActHostAddress	1.1.1.1		١	Not Used					
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Fixed to 1(0x01)				

Property Patterns					
Floperty	Delault value	1	2	3	4
ActIONumber * 5	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)
ActMultiDropChannelNumber * 6	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActNetworkNumber	0 (0x00)		Target station side module network number		
ActPortNumber	1 (PORT_1)		IBM-PC/AT compati	ible side COM port num	ber
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF	F)	Target station side module station number
ActSourceNetworkNumber	0 (0x00)		Ν	lot Used	
ActSourceStationNumber	0 (0x00)		N	lot Used	
ActThroughNetworkType	0 (0x00)	Refe	er to the property [ActTh	roughNetworkType] in	Section 3.2.
ActTimeOut	10000		Any value speci	fied by user in ms units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)

 \pm 5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

(c) When connected station CPU is QCPU (A mode)

1. Configuration

GOT

2. Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU							
T Serial station CPU module	QCPU (A mode)	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU
Serial Relayed network	1	CC IE Control CC IE Field	×	×	×	×	×	×	×	\times
		MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times
Relay target Relayed		MELSECNET/10	×	\times	\times	\times	2	\times	2	\times
		MELSECNET(II)	×	\times	\times	\times	3	\times	3	\times
compatible		Ethernet	×	\times	\times	\times	×	\times	\times	\times
		Computer link	\times	\times	\times	\times	\times	\times	\times	\times
		CC-Link	×	\times	\times	\times	\times	\times	\times	\times

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

*1: Including motion controller CPU.

3. Property list

IBM-PC/AT cor

Broporty	Default Value		Property Patterns				
Property	Delault value	1	2	3			
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_96 BAUD	00, BAUDRATE_19200, BAU RATE_57600, BAUDRATE_^	JDRATE_38400, 115200			
ActConnectUnitNumber	0 (0x00)		Not Used				
ActCpuType	34 (CPU_Q02CPU)	CPU	type corresponding to target s	station			
ActDestinationIONumber	0 (0x00)	Not Used					
ActDestinationPortNumber	0 (0x00)		Not Used				
ActDidPropertyBit	1 (0x01)		Not Used				
ActDisdPropertyBit	1 (0x01)		Not Used				
ActGotTransparentPCIf	1 (0x01)	Serial (via GOT): Fixed to 2					
ActGotTransparentPLCIf	1 (0x01)	CPU module QCPU (A mode): Fixed to 2					
ActHostAddress	1.1.1.1	Not Used					
ActIntelligentPreferenceBit	0 (0x00)	Not Used					
ActIONumber	1023 (0x3FF)		Not Used				
ActMultiDropChannelNumber	0 (0x00)		Not Used				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)	IBM-PC/	AT compatible side COM por	t number			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number			
ActSourceNetworkNumber	0 (0x00)		Not Used				
ActSourceStationNumber	0 (0x00)		Not Used				
ActThroughNetworkType	0 (0x00)		Not Used				
ActTimeOut	10000	Any	value specified by user in ms	units			
ActUnitNumber	0 (0x00)		Not Used				

(d) When connected station CPU is QnACPU

1. Configuration

2. Property patterns

	_						Statio
GOT	Serial	Conne station	cted CPU	Rela mo	ayed dule		Qn
S	Serial						
			Rela	yed	netw	ork	
		Relay t CP	arget U	Rela mo	ayed dule		
IBM-PC/AT c	ompatible	9					

Connected Station CPU	Relayed	Relayed Station CPU									
QnACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU		
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×		
	MELSECNET/H	×	×	\times	\times	×	\times	×	\times		
	MELSECNET/10	×	×	\times	\times	×	2	\times	\times		
	MELSECNET(II)	×	×	×	\times	×	3	×	\times		
	Ethernet	×	×	\times	\times	×	2	×	\times		
	Computer link	×	×	\times	\times	×	4	×	\times		
	CC-Link	×	\times	\times	\times	\times	4	\times	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible * 1: Including motion controller CPU.

3. Property list

Property	Default Value	Property Patterns					
Filipeity	Delault value	1	②*2	3	4		
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRA ⁻	TE_9600, BAUDRAT BAUDRATE_57600,	E_19200, BAUDRAT BAUDRATE_115200	FE_38400,)		
ActConnectUnitNumber	0 (0x00)		Not l	Jsed			
ActCpuType	34 (CPU_Q02CPU)		CPU type correspon	ding to target station			
ActDestinationIONumber	0 (0x00)		Not l	Jsed			
ActDestinationPortNumber	0 (0x00)		Not l	Jsed			
ActDidPropertyBit	1 (0x01)		Not l	Jsed			
ActDisdPropertyBit	1 (0x01)	Not Used					
ActGotTransparentPCIf	1 (0x01)		Serial (via GC	DT): Fixed to 2			
ActGotTransparentPLCIf	1 (0x01)		CPU module Qn/	ACPU: Fixed to 3			
ActHostAddress	1.1.1.1		Not l	Jsed			
ActIntelligentPreferenceBit	0 (0x00)		Not l	Jsed			
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module /O address		
ActMultiDropChannelNumber	0 (0x00)		Not l	Jsed			
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number					

*2: Note the following points when making access via the Ethemet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No + IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the

automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Broporty	Default \/alua	Property Patterns						
Froperty	Delault value	1	2*2	3	4			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Fixed to 255(0xFF)			
ActSourceNetworkNumber	0 (0x00)	Not Used						
ActSourceStationNumber	0 (0x00)	Not Used						
ActThroughNetworkType	0 (0x00)		Not	Used				
ActTimeOut	10000		Any value specified	by user in ms units				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number			

* 2: Note the following points when making access via the Ethemet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

ACPU

*1 CPU

 \times

X

2

3

 \times

X \times FX

 \times \times

 \times

 \times

 \times

 \times

 \times

(e) When connected station CPU is ACPU

1. Configuration

GOT

Serial

2. Property patterns Connected Relation CPU mod

	Station CPU	Relayed	Relayed Station CPU						
station CPU module	ACPU	Network	work QCPU (Q mode)		LCPU	QS CPU	QCPU (A mode)	QnA CPU	
Relayed network	1	CC IE Control CC IE Field	×	×	×	×	×	\times	
		MELSECNET/H	×	\times	×	\times	×	\times	
Relay target Relayed		MELSECNET/10	×	\times	×	\times	2	\times	
CPU module		MELSECNET(II)	×	×	×	\times	3	\times	
		Ethernet	×	×	×	\times	×	\times	
		Computer link	×	×	×	\times	×	\times	
		CC-Link	×	×	×	\times	×	\times	

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Including motion controller CPU.

3. Property list

IBM-PC/AT compatible

Broporty	Default Value		Property Patterns				
Froperty	Delault value	1	2	3			
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_96 BAUD	00, BAUDRATE_19200, BAU RATE_57600, BAUDRATE_^	JDRATE_38400, 115200			
ActConnectUnitNumber	0 (0x00)		Not Used				
ActCpuType	34 (CPU_Q02CPU)	CPU	type corresponding to target s	station			
ActDestinationIONumber	0 (0x00)		Not Used				
ActDestinationPortNumber	0 (0x00)		Not Used				
ActDidPropertyBit	1 (0x01)		Not Used				
ActDisdPropertyBit	1 (0x01)		Not Used				
ActGotTransparentPCIf	1 (0x01)	Serial (via GOT): Fixed to 2					
ActGotTransparentPLCIf	1 (0x01)	CPU module ACPU: Fixed to 4					
ActHostAddress	1.1.1.1	Not Used					
ActIntelligentPreferenceBit	0 (0x00)	Not Used					
ActIONumber	1023 (0x3FF)		Not Used				
ActMultiDropChannelNumber	0 (0x00)		Not Used				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)	IBM-PC/	AT compatible side COM por	t number			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number			
ActSourceNetworkNumber	0 (0x00)		Not Used				
ActSourceStationNumber	0 (0x00)		Not Used				
ActThroughNetworkType	0 (0x00)		Not Used				
ActTimeOut	10000	Any	value specified by user in ms	units			
ActUnitNumber	0 (0x00)		Not Used				
(f) When connected station CPU is FXCPU

1. Configuration

GOT Serial Connected Relayed station CPU module Serial Relayed network Relay target Relayed CPU module IBM-PC/AT compatible

2. Property patterns

Connected Station CPU	Relayed	Relayed Station CPU								
FXCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	
MELSECN	MELSECNET/H	×	\times	×	\times	×	\times	×	\times	
(Î)	MELSECNET/10	×	\times	\times	\times	\times	\times	\times	\times	
•	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times	
	Ethernet	×	\times	\times	\times	×	\times	\times	\times	
	Computer link	\times	\times	\times	\times	\times	\times	\times	\times	
	CC-Link	×	\times	×	\times	×	\times	×	\times	

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Including motion controller CPU.

3. Property list

Property	Default Value	Property Patterns
Topolty	Beldalt Value	\bigcirc
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400, BAUDRATE_57600, BAUDRATE_115200
ActConnectUnitNumber	0 (0x00)	Not Used
ActCpuType	34 (CPU_Q02CPU)	Not Used
ActDestinationIONumber	0 (0x00)	Not Used
ActDestinationPortNumber	0 (0x00)	Not Used
ActDidPropertyBit	1 (0x01)	Not Used
ActDisdPropertyBit	1 (0x01)	Not Used
ActGotTransparentPCIf	1 (0x01)	Serial (via GOT): Fixed to 2
ActGotTransparentPLCIf	1 (0x01)	CPU module FXCPU: Fixed to 5
ActHostAddress	1.1.1.1	Not Used
ActIntelligentPreferenceBit	0 (0x00)	Not Used
ActIONumber	1023 (0x3FF)	Not Used
ActMultiDropChannelNumber	0 (0x00)	Not Used
ActNetworkNumber	0 (0x00)	Not Used
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number
ActStationNumber	255 (0xFF)	Not Used
ActSourceNetworkNumber	0 (0x00)	Not Used
ActSourceStationNumber	0 (0x00)	Not Used
ActThroughNetworkType	0 (0x00)	Not Used
ActTimeOut	10000	Any value specified by user in ms units
ActUnitNumber	0 (0x00)	Not Used

(2) IBM-PC/AT compatible side port: USB, GOT1000 side port: USB, CPU side port: Direct connection

(a) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

1. Configuration

2. Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU							
GOT Connected Relayed Serial station CPU module	QCPU (Q mode) *1	QCPU Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
USB Relayed network		CC IE Control CC IE Field	2	2*3	④ *5	\times	×	×	×	\times
	Û	MELSECNET/H	2	2	\times	\times	\times	×	\times	\times
		MELSECNET/10	2	2	\times	\times	2	2	2	\times
		MELSECNET(II)	×	\times	\times	\times	×	×	\times	\times
IBM-PC/AT compatible		Ethernet	2	\times	\times	\times	\times	2	\times	\times
		Computer link	3	\times	3	\times	\times	3	\times	\times
		CC-Link	4	4	4	\times	4 *4	4 *4	4 *4	\times
		\bigcirc .	Accocible	Droport	hunotte		thin aire		Incoco	aaibla

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

- \ast 1: Inaccessible to Redundant CPU.
- *2: Including motion controller CPU.
- * 3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.
- *4: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later.
- *5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Droporty	DefaultMalua	Property Patterns					
Property	Delault value	1	2*6	3	(4)		
ActBaudRate	19200 (BAUDRATE_19200)	Not Used					
ActConnectUnitNumber	0 (0x00)	Not Used					
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)		

*6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Draparti	Default	Property Patterns				
Property	Value	1	②*6	3	4	
ActDestinationPortNumber	0 (0x00)		Not Used	1		
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActGotTransparentPCIf	1 (0x01)		USB (via GOT): F	Fixed to 1		
ActGotTransparentPLCIf	1 (0x01)		CPU module QCPU (Q n	node): Fixed to 1		
ActHostAddress	1.1.1.1		Not Used	1		
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address	
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActPortNumber	1 (PORT_1)		Not Used	1		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)	
ActSourceNetworkNumber	0 (0x00)		Not Used	1		
ActSourceStationNumber	0 (0x00)		Not Used	1		
ActThroughNetworkType	0 (0x00)	Refer to th	ne property [ActThroughNo	etworkType] in Sectio	on 3.2.	
ActTimeOut	10000		Any value specified by u	user in ms units		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	

* 6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

(b) When connected station CPU is LCPU

1. Configuration

2. Property patterns

			Connected Station CPU Relayed		Relayed Station CPU							
GOT Serial	station CPU mc	layed odule	LCPU	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
	Relayed network]	CC IE Field * 4	4	×	4	\times	×	×	×	\times	
Relay target Relayed		MELSECNET/H	×	×	\times	\times	\times	\times	\times	\times		
	layed		MELSECNET/10	\times	\times	\times	\times	\times	\times	\times	\times	
	CPU mo	odule	1	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times
IBM-PC/AT compatibl	0			Ethernet	×	\times	\times	\times	\times	\times	\times	\times
				Computer link	2	\times	2	\times	\times	2	\times	\times
				CC-Link	3	3	3	\times	3*3	3*3	3*3	\times
			*1: Inaccess	⊖ : A ible to Redundant	Accessible (CPU.	Property	/ patte	rn wit	hin circle	e), × :	Inacces	sible

*2: Including motion controller CPU.

*3: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later. *4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Broporty	Default \/alue	ty Patterns					
Property	Delauit value	1	2	3	4		
ActBaudRate	19200 (BAUDRATE_19200)		Not	Used			
ActConnectUnitNumber	0 (0x00)		Not	Used			
ActCpuType	34 (CPU_Q02CPU)		CPU type corresponding to target station				
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Fixed to 0(0x00)		
ActDestinationPortNumber	0 (0x00)	Not Used					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActGotTransparentPCIf	1 (0x01)		USB (via GO	OT): Fixed to 1			
ActGotTransparentPLCIf	1 (0x01)		CPU module L	-CPU: Fixed to 6			
ActHostAddress	1.1.1.1		Not	Used			
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Fixed to 0(0x00)		

Droporty	Default Value	Property Patterns				
Property	Delauit value	1	2	3	4	
ActIONumber * 5	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	
ActMultiDropChannelNumber * 6	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00) Target station module network			Target station side module network number	
ActPortNumber	1 (PORT_1)			Not Used		
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF	-)	Target station side module station number	
ActSourceNetworkNumber	0 (0x00)			Not Used		
ActSourceStationNumber	0 (0x00)			Not Used		
ActThroughNetworkType	0 (0x00)	Refe	r to the property [Act]	hroughNetworkType] in Section 3.2.	
ActTimeOut	10000		Any value spe	cified by user in ms ι	units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00) Fixed		Target station side module station number	Fixed to 0(0x00)	

*5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

 \ast 6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1

2: Channel 2

(c) When connected station CPU is QCPU (A mode)

1. Configuration

	Connected Station CPU	Relayed			Relay	ed Sta	ation CPL	J		
GOT Serial station CPU module	QCPU (A mode)	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU
USB Relayed network		CC IE Control CC IE Field	×	×	\times	×	×	×	×	×
		MELSECNET/H	×	×	\times	\times	×	×	\times	\times
Relay target Relayed	(1)	MELSECNET/10	×	×	\times	\times	2	\times	2	\times
		MELSECNET(II)	×	×	×	\times	3	\times	3	\times
		Ethernet	×	×	\times	\times	×	×	×	\times
IBM-FC/AT compatible		Computer link	×	×	×	\times	×	×	×	\times
		CC-Link	×	×	\times	\times	×	\times	\times	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible *1: Including motion controller CPU.

3. Property list

Property	Default Value	Property Patterns					
Поренту	Deladit Value	1	2	3			
ActBaudRate	19200 (BAUDRATE_19200)		Not Used				
ActConnectUnitNumber	0 (0x00)		Not Used				
ActCpuType	34 (CPU_Q02CPU)	CPU	type corresponding to target s	station			
ActDestinationIONumber	0 (0x00)		Not Used				
ActDestinationPortNumber	0 (0x00)		Not Used				
ActDidPropertyBit	1 (0x01)		Not Used				
ActDisdPropertyBit	1 (0x01)		Not Used				
ActGotTransparentPCIf	1 (0x01)		USB (via GOT): Fixed to 1				
ActGotTransparentPLCIf	1 (0x01)	CPU module QCPU (A mode): Fixed to 2					
ActHostAddress	1.1.1.1	Not Used					
ActIntelligentPreferenceBit	0 (0x00)	Not Used					
ActIONumber	1023 (0x3FF)		Not Used				
ActMultiDropChannelNumber	0 (0x00)		Not Used				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)		Not Used				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number			
ActSourceNetworkNumber	0 (0x00)		Not Used				
ActSourceStationNumber	0 (0x00)	Not Used					
ActThroughNetworkType	0 (0x00)		Not Used				
ActTimeOut	10000	Any	value specified by user in ms	units			
ActUnitNumber	0 (0x00)	Not Used					

(d) When connected station CPU is QnACPU

1. Configuration



2	Property	patterns
<u> </u>	TOPCILY	patterns

Connected Station CPU	Relayed	Relayed Station CPU								
QnACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU	
	CC IE Control CC IE Field	×	×	×	×	×	\times	×	×	
	MELSECNET/H	×	×	\times	\times	×	\times	\times	\times	
(Î)	MELSECNET/10	×	×	×	\times	×	2	×	\times	
U	MELSECNET(II)	×	×	×	\times	×	3	×	\times	
	Ethernet	×	×	×	\times	×	2	×	\times	
	Computer link	×	×	×	\times	×	4	×	\times	
	CC-Link	×	×	\times	\times	×	4	\times	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible *1: Including motion controller CPU.

3. Property list

Broporty	Dofault Value	Property Patterns						
Fioperty	Delault value	1	2*2	3	4			
ActBaudRate	19200 (BAUDRATE_19200)	Not Used						
ActConnectUnitNumber	0 (0x00)	Not Used						
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station						
ActDestinationIONumber	0 (0x00)		Not U	Used				
ActDestinationPortNumber	0 (0x00)		Not U	Used				
ActDidPropertyBit	1 (0x01)		Not U	Used				
ActDisdPropertyBit	1 (0x01)	Not Used						
ActGotTransparentPCIf	1 (0x01)		USB (via GO	T): Fixed to 1				
ActGotTransparentPLCIf	1 (0x01)		CPU module Qn/	ACPU: Fixed to 3				
ActHostAddress	1.1.1.1		Not U	Used				
ActIntelligentPreferenceBit	0 (0x00)		Not U	Jsed				
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module /O address			
ActMultiDropChannelNumber	0 (0x00)	Not Used						
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)	Not Used						

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. --- IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the

automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Droporti	Default\/alua	Property Patterns					
Flopelty	Delault value	1	2*2	3	4		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number	Fixed to 255(0xFF)		
ActSourceNetworkNumber	0 (0x00)	Not Used					
ActSourceStationNumber	0 (0x00)	Not Used					
ActThroughNetworkType	0 (0x00)	Not Used					
ActTimeOut	10000	Any value specified by user in ms units					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number		

* 2: Note the following points when making access via the Ethemet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

(e) When connected station CPU is ACPU

1. Configuration



Connected Station CPU	Relayed	Relayed Station CPU								
ACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU	
	CC IE Control CC IE Field	×	×	×	\times	×	×	×	\times	
	MELSECNET/H	×	\times	\times	\times	×	\times	\times	\times	
(1)	MELSECNET/10	×	\times	\times	\times	2	\times	2	\times	
	MELSECNET(II)	×	×	×	\times	3	\times	3	\times	
	Ethernet	×	\times	\times	\times	×	\times	\times	\times	
	Computer link	×	\times	\times	\times	×	\times	×	\times	
	CC-Link	\times	\times	\times	\times	\times	\times	\times	\times	

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible *1: Including motion controller CPU.

3. Property list

Property	Default Value		Property Patterns				
riopenty	Deladit Value	1	2	3			
ActBaudRate	19200 (BAUDRATE_19200)	Not Used					
ActConnectUnitNumber	0 (0x00)	Not Used					
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station					
ActDestinationIONumber	0 (0x00)	Not Used					
ActDestinationPortNumber	0 (0x00)		Not Used				
ActDidPropertyBit	1 (0x01)		Not Used				
ActDisdPropertyBit	1 (0x01)		Not Used				
ActGotTransparentPCIf	1 (0x01)	USB (via GOT): Fixed to 1					
ActGotTransparentPLCIf	1 (0x01)	CPU module ACPU: Fixed to 4					
ActHostAddress	1.1.1.1	Not Used					
ActIntelligentPreferenceBit	0 (0x00)	Not Used					
ActIONumber	1023 (0x3FF)		Not Used				
ActMultiDropChannelNumber	0 (0x00)		Not Used				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)		Not Used				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF) Target station side module station number Target station side m station number					
ActSourceNetworkNumber	0 (0x00)	Not Used					
ActSourceStationNumber	0 (0x00)	Not Used					
ActThroughNetworkType	0 (0x00)		Not Used				
ActTimeOut	10000	Any	value specified by user in ms	units			
ActUnitNumber	0 (0x00)		Not Used				

When connected station CPU is FXCPU (f)

CC-Link

1. Configuration



Connected Station CPU	Relayed	Relayed Station CPU								
FXCPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	\times	
	MELSECNET/H	×	\times	\times	\times	×	\times	×	\times	
$\widehat{1}$	MELSECNET/10	×	\times	×	\times	×	\times	×	\times	
U	MELSECNET(II)	×	\times	\times	\times	×	\times	×	\times	
	Ethernet	×	\times	\times	\times	×	\times	\times	\times	
	Computer link	×	×	×	\times	×	\times	\times	\times	

2. Property patterns

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible * 1: Including motion controller CPU.

3. Property list

Property Default Value		Property Patterns
riopenty	Deladit Value	0
ActBaudRate	19200 (BAUDRATE_19200)	Not Used
ActConnectUnitNumber	0 (0x00)	Not Used
ActCpuType	34 (CPU_Q02CPU)	Not Used
ActDestinationIONumber	0 (0x00)	Not Used
ActDestinationPortNumber	0 (0x00)	Not Used
ActDidPropertyBit	1 (0x01)	Not Used
ActDisdPropertyBit	1 (0x01)	Not Used
ActGotTransparentPCIf	1 (0x01)	USB (via GOT): Fixed to 1
ActGotTransparentPLCIf	1 (0x01)	CPU module FXCPU: Fixed to 5
ActHostAddress	1.1.1.1	Not Used
ActIntelligentPreferenceBit	0 (0x00)	Not Used
ActIONumber	1023 (0x3FF)	Not Used
ActMultiDropChannelNumber	0 (0x00)	Not Used
ActNetworkNumber	0 (0x00)	Not Used
ActPortNumber	1 (PORT_1)	Not Used
ActStationNumber	255 (0xFF)	Not Used
ActSourceNetworkNumber	0 (0x00)	Not Used
ActSourceStationNumber	0 (0x00)	Not Used
ActThroughNetworkType	0 (0x00)	Not Used
ActTimeOut	10000	Any value specified by user in ms units
ActUnitNumber	0 (0x00)	Not Used

- (3) IBM-PC/AT compatible side port: Serial, GOT1000 side port: Serial, CPU side port: Bus connection
 - (a) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

1. Configuration



2. Property patterns

Connected Station CPU	Relayed		F	Relaye	d Sta	tion CP	U		
QCPU	Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
(Q mode) *1		(Q mode) * 1	CPU-V	LCPU	CPU	(A mode)	CPU	*2	CPU
	CC IE Control CC IE Field	2	2*3	② *5	\times	×	×	×	\times
	MELSECNET/H	2	2	\times	\times	\times	\times	\times	\times
(I)	MELSECNET/10	2	2	\times	\times	2	2	2	\times
0	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times
	Ethernet	2	\times	\times	\times	\times	2	\times	\times
	Computer link	③*3	\times	3	\times	×	3	\times	\times
	CC-Link	4	4	4	\times	(4) *4	4 *4	4 *4	\times
		Relayed Station CPU							
Connected Station CPU	Relayed		F	Relaye	d Sta	tion CP	U		
Connected Station CPU Q12DC CPU-V	Relayed Network	QCPU	F Q12DC CPU-V	Relaye	d Sta QS CPU	QCPU	U QnA CPU	ACPU *2	FX CPU
Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field	QCPU (Q mode) * 1 ②	F Q12DC CPU-V ② * 3	Relaye LCPU ② *5	d Sta QS CPU ×	tion CP QCPU (A mode) ×	U QnA CPU ×	ACPU *2	FX CPU ×
Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H	QCPU (Q mode) * 1 ② ②	F Q12DC CPU-V ② * 3 ②	Relaye LCPU ② *5 ×	d Sta QS CPU ×	QCPU (A mode) ×	U QnA CPU × ×	ACPU *2 ×	FX CPU ×
Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) * 1 ② ② ②	F Q12DC CPU-V ② * 3 ② ②	Relaye	d Sta QS CPU × ×	tion CP QCPU (A mode) × ×	U QnA CPU × ×	ACPU *2 × ×	FX CPU × × ×
Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode)*1 2 2 2 2 ×	F Q12DC CPU-V ② * 3 ② ② ×	Relaye	d Sta QS CPU × × ×	Ition CP QCPU (A mode) × × 2 ×	U QnA CPU × × 2 ×	ACPU *2 × 2 × 2 ×	FX CPU × × × ×
Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode)*1 2 2 2 2 × × ×	F Q12DC CPU-V ② * 3 ② ② × ×	Relaye	d Sta QS CPU × × ×	Ition CP QCPU (A mode) × × 2 × × ×	U QnA CPU × (2) × × ×	ACPU *2 × 2 × 2 × ×	FX CPU × × × ×
Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode) * 1 2 2 2 × × × × ×	F Q12DC CPU-V ② * 3 ② ② ② × × × ×	Relaye	d Sta QS CPU × × × × ×	tion CP QCPU (A mode) × 2 2 × × × ×	U QnA CPU × (2) × × × × ×	ACPU *2 × 2 × 2 × × ×	FX CPU × × × × ×

\bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

- *3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.
- *4: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later.
- *5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Proporty	Dofault Value	Property Patterns						
Fioperty	Delault value	1	2*6	3	4			
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400, BAUDRATE_57600, BAUDRATE_115200						
ActConnectUnitNumber	0 (0x00)	Not Used						
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station						
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)			

*6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Property.	Default		erns			
Property	Value	1	②*6	3	4	
ActDestinationPortNumber	0 (0x00)		Not Used	I		
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01) Fixed to 1(0x01)		Fixed to 0(0x00)	Fixed to 0(0x00)	
ActGotTransparentPCIf	1 (0x01)	Serial (via GOT): Fixed to 2				
ActGotTransparentPLCIf	1 (0x01)		Bus connection: F	ixed to 90		
ActHostAddress	1.1.1.1		Not Used	1		
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target stationQ mode/Q12DCCPU-V/LCPU:1(0x01)Other than theabove:0(0x00)	
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address	
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActPortNumber	1 (PORT_1)	IB	M-PC/AT compatible side	COM port number		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)	
ActSourceNetworkNumber	0 (0x00)	Not Used				
ActSourceStationNumber	0 (0x00)	Not Used				
ActThroughNetworkType	0 (0x00)		Not Used	1		
ActTimeOut * 9	10000		Any value specified by u	iser in ms units		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	

* 6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*9: Note that when 0 to 5000[ms] is specified, gaining 5000ms and greater than 255000ms is specified, gaining 255000ms.

(b) When connected station CPU is QnACPU

1. Configuration



2.	Pro	perty	patterns

Connected tation CPU	Relayed	Relayed Station CPU								
QnACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU	
	CC IE Control CC IE Field	×	×	×	\times	×	×	×	\times	
	MELSECNET/H	×	\times	×	\times	×	\times	\times	\times	
	MELSECNET/10	×	\times	×	\times	×	2	×	\times	
U	MELSECNET(II)	×	×	×	\times	×	3	×	\times	
	Ethernet	×	\times	\times	\times	×	2	\times	\times	
	Computer link	×	×	×	\times	×	4	×	\times	
	CC-Link	×	\times	\times	\times	×	4	\times	\times	
	\bigcirc : Accessible (Property pattern within circle). \times : Inaccessible									

* 1: Including motion controller CPU.

3. Property list

Broporty	Dofault Value		Property	Patterns				
Fioperty	Delault value	1	②*2	3	4			
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRA ⁻	TE_9600, BAUDRAT BAUDRATE_57600,	E_19200, BAUDRAT BAUDRATE_115200	ГЕ_38400,)			
ActConnectUnitNumber	0 (0x00)		Not l	Jsed				
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station						
ActDestinationIONumber	0 (0x00)		Not l	Jsed				
ActDestinationPortNumber	0 (0x00)		Not l	Jsed				
ActDidPropertyBit	1 (0x01)		Not l	Jsed				
ActDisdPropertyBit	1 (0x01)		Not l	Jsed				
ActGotTransparentPCIf	1 (0x01)		Serial (via GC	DT): Fixed to 2				
ActGotTransparentPLCIf	1 (0x01)		Bus connection	on: Fixed to 90				
ActHostAddress	1.1.1.1		Not l	Jsed				
ActIntelligentPreferenceBit	0 (0x00)		Not l	Jsed				
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module /O address			
ActMultiDropChannelNumber	0 (0x00)		Not l	Jsed				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number						

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. ++ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the

automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Droporti	Default\/alua	Property Patterns						
Property	Delault Value	1	2*2	3	4			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF) Target station side Ta module station r number		Target station side module station number	Fixed to 255(0xFF)			
ActSourceNetworkNumber	0 (0x00)	Not Used						
ActSourceStationNumber	0 (0x00)		Not	Jsed				
ActThroughNetworkType	0 (0x00)		Not	Used				
ActTimeOut * 4	10000		Any value specified	by user in ms units				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number			

* 2: Note the following points when making access via the Ethemet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*4: Note that when 0 to 5000[ms] is specified, gaining 5000ms and greater than 255000ms is specified, gaining 255000ms.

(c) When connected station CPU is ACPU

1. Configuration

2. Property patterns

	·	Connected Station CPU Relayed		Relayed Station CPU							
GOT Bus	Connected Relayed station CPU module	ACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
Serial	Relayed network		CC IE Control CC IE Field	×	×	×	×	×	×	\times	×
			MELSECNET/H	×	\times	\times	\times	×	\times	×	\times
	Relay target Relayed		MELSECNET/10	×	\times	×	\times	2	\times	2	\times
	CPU module	Ū	MELSECNET(II)	×	\times	\times	\times	3	\times	3	\times
BM-PC/AT compatible			Ethernet	×	\times	×	\times	×	\times	\times	\times
			Computer link	×	\times	\times	\times	\times	\times	\times	\times
			CC-Link	×	×	×	\times	×	\times	×	\times

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

*1: Including motion controller CPU.

3. Property list

Broporty	Default \/alue		Property Patterns					
Property	Delault value	1	2	3				
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_96 BAUD	00, BAUDRATE_19200, BAU RATE_57600, BAUDRATE_1	JDRATE_38400, 115200				
ActConnectUnitNumber	0 (0x00)		Not Used					
ActCpuType	34 (CPU_Q02CPU)	CPU	type corresponding to target s	station				
ActDestinationIONumber	0 (0x00)		Not Used					
ActDestinationPortNumber	0 (0x00)		Not Used					
ActDidPropertyBit	1 (0x01)		Not Used					
ActDisdPropertyBit	1 (0x01)		Not Used					
ActGotTransparentPCIf	1 (0x01)		Serial (via GOT): Fixed to 2					
ActGotTransparentPLCIf	1 (0x01)	Bus connection: Fixed to 90						
ActHostAddress	1.1.1.1		Not Used					
ActIntelligentPreferenceBit	0 (0x00)		Not Used					
ActIONumber	1023 (0x3FF)		Not Used					
ActMultiDropChannelNumber	0 (0x00)		Not Used					
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)				
ActPortNumber	1 (PORT_1)	IBM-PC/	AT compatible side COM por	t number				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number				
ActSourceNetworkNumber	0 (0x00)		Not Used					
ActSourceStationNumber	0 (0x00)		Not Used					
ActThroughNetworkType	0 (0x00)		Not Used					
ActTimeOut	10000	Any	value specified by user in ms	units				
ActUnitNumber	0 (0x00)		Not Used					

- (4) IBM-PC/AT compatible side port: USB, GOT1000 side port: USB, CPU side port: Bus connection
 - (a) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

1. Configuration

IBM-P

2. Property patterns

	Connected Station CPU Relayed		Relayed Station CPU							
GOT Bus Connected Relayed module	QCPU (Q mode) * 1	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
USB Relayed network]	CC IE Control CC IE Field	2	2*3	② *5	\times	×	×	×	\times
		MELSECNET/H	2	2	\times	\times	\times	\times	\times	\times
Relay target Relayed		MELSECNET/10	2	2	×	\times	2	2	2	\times
	Ū	MELSECNET(II)	×	\times	×	\times	×	\times	\times	\times
C/AT compatible		Ethernet	2	\times	\times	\times	×	2	\times	\times
		Computer link	3	×	3	\times	×	3	\times	\times
		CC-Link	4	4	4	\times	4 *4	4 *4	4 *4	\times
	Connected Station CPU Relayed		Relayed Station CPU							
	Connected Station CPU	Relayed		F	Relaye	d Sta	ition CPI	J		
	Connected Station CPU Q12DC CPU-V	Relayed Network	QCPU (Q mode) * 1	Q12DC CPU-V	Relaye	d Sta QS CPU	tion CPU QCPU (A mode)	J QnA CPU	ACPU *2	FX CPU
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field	QCPU (Q mode) * 1 ②	I Q12DC CPU-V ② * 3	Relaye LCPU ② *5	d Sta QS CPU ×	QCPU (A mode)	J QnA CPU ×	ACPU *2	FX CPU ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H	QCPU (Q mode) * 1 ② ②	I Q12DC CPU-V ② * 3 ②	Relaye LCPU ② *5 ×	d Sta QS CPU ×	tion CPU (A mode) ×	J QnA CPU × ×	ACPU *2 ×	FX CPU ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) * 1 ② ② ②	I Q12DC CPU-V ② * 3 ② ②	Relaye	d Sta QS CPU × ×	tion CPU (A mode) × 2	J QnA CPU × ×	ACPU *2 × 2	FX CPU × ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode)*1 2 2 2 2	I Q12DC CPU-V ② * 3 ② ② ∑ ×	Relaye	d Sta QS CPU × × ×	Ition CPU (A mode) × × 2 ×	J QnA CPU × × 2 ×	ACPU *2 × 2 × 2 ×	FX CPU × × ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode)*1 2 2 2 2 X X	□ Q12DC CPU-V ② * 3 ② ② × × × ×	Relaye	d Sta QS CPU × × ×	Ition CPU (A mode) × 2 × × ×	J QnA CPU × × 2 × ×	ACPU *2 × 2 × 2 × 2 ×	FX CPU × × × ×
	Connected Station CPU Q12DC CPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode)*1 2 2 2 2 X X X	I Q12DC CPU-V ② *3 ② ② ○ ○ × × × ×	Relaye	d Sta QS CPU × × × ×	QCPU (A mode) × ② × × × × × × × × × × × × × × ×	J QnA CPU × × 2 × × × × ×	ACPU *2 × 2 * * *	FX CPU × × × × ×

 $[\]bigcirc$: Accessible (Property pattern within circle), \times : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

- *3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.
- *4: Use the QnA or ACPU side CC-Link module whose ROM version is "S" or later.
- *5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Dreport /	Default \/alua		Property Patterns						
Property	Delault value	1	2*6	3	4				
ActBaudRate	19200 (BAUDRATE_19200)	Not Used							
ActConnectUnitNumber	0 (0x00)	Not Used							
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station							
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)				

*6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Droparti	Default	Property Patterns					
Property	Value	1	2 * 6	3	4		
ActDestinationPortNumber	0 (0x00)		Not Used				
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActGotTransparentPCIf	1 (0x01)		USB (via GOT): F	ixed to 1			
ActGotTransparentPLCIf	1 (0x01)		Bus connection: F	ixed to 90			
ActHostAddress	1.1.1.1		Not Used				
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)		
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address		
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)		
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActPortNumber	1 (PORT_1)		Not Used	l			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)		
ActSourceNetworkNumber	0 (0x00)		Not Used				
ActSourceStationNumber	0 (0x00)		Not Used	I			
ActThroughNetworkType	0 (0x00)		Not Used				
ActTimeOut * 9	10000		Any value specified by u	iser in ms units			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number		

* 6: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*9: Note that when 0 to 5000[ms] is specified, gaining 5000ms and greater than 255000ms is specified, gaining 255000ms.

(b) When connected station CPU is QnACPU

1. Configuration

		Connected Station CPU Relayed		Relayed Station CPU							
GOT Bus	Station CPU module	QnACPU	CPU Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *1	FX CPU
	Relayed network		CC IE Control CC IE Field	×	×	×	×	×	×	\times	\times
			MELSECNET/H	×	×	\times	\times	×	\times	\times	\times
	Relay target Relayed		MELSECNET/10	×	×	×	\times	×	2	\times	\times
	CPU module	U	MELSECNET(II)	×	\times	\times	\times	×	3	\times	\times
			Ethernet	×	\times	\times	\times	×	2	\times	\times
			Computer link	×	×	\times	\times	×	4	\times	\times
			CC-Link	×	×	\times	\times	×	4	\times	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible *1: Including motion controller CPU.

3. Property list

Broporty	Dofault Value		Property	Patterns					
rioperty	Delault value	1	②*2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)		Not U	Used					
ActConnectUnitNumber	0 (0x00)		Not Used						
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station							
ActDestinationIONumber	0 (0x00)		Not U	Jsed					
ActDestinationPortNumber	0 (0x00)		Not U	Jsed					
ActDidPropertyBit	1 (0x01)		Not U	Jsed					
ActDisdPropertyBit	1 (0x01)	Not Used							
ActGotTransparentPCIf	1 (0x01)		USB (via GO	T): Fixed to 1					
ActGotTransparentPLCIf	1 (0x01)		Bus connection	on: Fixed to 90					
ActHostAddress	1.1.1.1		Not l	Used					
ActIntelligentPreferenceBit	0 (0x00)		Not U	Used					
ActIONumber * 3	1023 (0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module /O address				
ActMultiDropChannelNumber	0 (0x00)		Not U	Jsed					
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActPortNumber	1 (PORT_1)	Not Used							

*2: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. --- IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the

automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

*3: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Broporty	Default \/alua	Property Patterns					
Property	Delault Value	1	2*2	3	4		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF) Target station side T module station number		Target station side module station number	Fixed to 255(0xFF)		
ActSourceNetworkNumber	0 (0x00)	Not Used					
ActSourceStationNumber	0 (0x00)		Not	Jsed			
ActThroughNetworkType	0 (0x00)		Not	Jsed			
ActTimeOut * 4	10000		Any value specified	by user in ms units			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number		

* 2: Note the following points when making access via the Ethemet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*4: Note that when 0 to 5000[ms] is specified, gaining 5000ms and greater than 255000ms is specified, gaining 255000ms.

(c) When connected station CPU is ACPU

1. Configuration

2. Property patterns

		Connected Station CPU	cted CPU Relayed		Relayed Station CPU								
GOT Bus	Connected Relayed station CPU module	ACPU	Network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU * 1	FX CPU		
USB Relayed netwo			CC IE Control CC IE Field	×	×	×	\times	×	×	×	\times		
Relay t			MELSECNET/H	×	\times	×	\times	×	\times	\times	\times		
	Relay target Relayed		MELSECNET/10	×	\times	\times	\times	2	\times	2	\times		
	CPU module	0	MELSECNET(II)	×	\times	\times	\times	3	\times	3	\times		
IBM-PC/AT compatible			Ethernet	×	\times	×	\times	\times	\times	×	\times		
			Computer link	×	\times	\times	\times	\times	\times	\times	\times		
			CC-Link	×	\times	\times	\times	×	\times	\times	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible * 1: Including motion controller CPU.

3. Property list

Property	Default Value		Property Patterns						
		(1)	(2)	(3)					
ActBaudRate	19200 (BAUDRATE_19200)		Not Used						
ActConnectUnitNumber	0 (0x00)		Not Used						
ActCpuType	34 (CPU_Q02CPU)	CPU	type corresponding to target s	station					
ActDestinationIONumber	0 (0x00)		Not Used						
ActDestinationPortNumber	0 (0x00)		Not Used						
ActDidPropertyBit	1 (0x01)		Not Used						
ActDisdPropertyBit	1 (0x01)		Not Used						
ActGotTransparentPCIf	1 (0x01)	USB (via GOT): Fixed to 1							
ActGotTransparentPLCIf	1 (0x01)	Bus connection: Fixed to 90							
ActHostAddress	1.1.1.1		Not Used						
ActIntelligentPreferenceBit	0 (0x00)		Not Used						
ActIONumber	1023 (0x3FF)		Not Used						
ActMultiDropChannelNumber	0 (0x00)		Not Used						
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)					
ActPortNumber	1 (PORT_1)		Not Used						
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Target station side module station number					
ActSourceNetworkNumber	0 (0x00)		Not Used						
ActSourceStationNumber	0 (0x00)		Not Used						
ActThroughNetworkType	0 (0x00)		Not Used						
ActTimeOut	10000	Any	value specified by user in ms	units					
ActUnitNumber	0 (0x00)		Not Used						

- (5) IBM-PC/AT compatible side port: Serial, GOT1000 side port: Serial, CPU side port: Q series-compatible C24
 - (a) When there is relayed module in addition to connected station side Q series-compatible C24

1. Configuration



2. Property patterns

	Connected Station CPU	Relayed		Relayed Station CPU										
	QCPU	Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX				
	(Q mode) * 1		(Q mode) * 1	CPU-V	LCPU	CPU	(A mode)	CPU	*2	CPU				
k		CC IE Control CC IE Field	2	2*3	② *4	×	×	×	×	\times				
		MELSECNET/H	2	2	\times	\times	×	\times	×	\times				
	(1)	MELSECNET/10	2	2	\times	\times	2	2	2	\times				
	U	MELSECNET(II)	×	×	\times	\times	\times	\times	×	\times				
		Ethernet	2	×	\times	\times	\times	2	×	\times				
		Computer link	3	×	3	\times	\times	3	×	\times				
		CC-Link	4	4	4	\times	4	4	4	\times				

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

* 3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Dreparty	Default \/alua		F	Property Patterns	
Property	Delault value	1	②*5	3	4
ActBaudRate	19200 (BAUDRATE_19200)	BAU	DRATE_9600, BA BAUDRATE_	UDRATE_19200, BAUDF _57600, BAUDRATE_115	RATE_38400, 200
ActConnectUnitNumber	0 (0x00)		Connected stat	ion side module station nu	umber
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stat	ion
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)

Dreport	Default		Property Patt	erns						
Property	Value	1	2 * 5	3	4					
ActDestinationPortNumber	0 (0x00)		Not Used							
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)					
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)					
ActGotTransparentPCIf	1 (0x01)		Serial (via GOT): F	Fixed to 2						
ActGotTransparentPLCIf	1 (0x01)		C24 module (QJ71C24): Fixed to 30						
ActHostAddress	1.1.1.1		Not Used							
ActIntelligentPreferenceBit	0 (0x00)		Fixed to 0(0x00)							
ActIONumber * 6	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Control CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address					
ActMultiDropChannelNumber *7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)					
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)					
ActPortNumber	1 (PORT_1)	IB	M-PC/AT compatible side	COM port number						
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)					
ActSourceNetworkNumber	0 (0x00)		Not Used							
ActSourceStationNumber	0 (0x00)		Not Used							
ActThroughNetworkType	0 (0x00)	Refer to th	Refer to the property [ActThroughNetworkType] in Section 3.2.							
ActTimeOut	10000		Refer to the property [ActThroughNetworkType] in Section 3.2. Any value specified by user in ms units							
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number					

* 5: Note the following points when making access via the Ethernet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.→ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1 2: Channel 2

(b) When connected station side Q series-compatible C24 is used for multidrop link with relayed module

1. Configuration



2. Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU									
link	QCPU (Q mode) * 1	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU		
	Independent mode * 3	Computer link	2	×	2	×	×	2	×	×		

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

* 3: The independent mode indicates that the parameters have been set as indicated below.

CH1 side: Operation setting for transmission setting = independent (0), communication protocol setting = 0

CH2 side: Operation setting for transmission setting = independent (0)

3. Property list

Dreporty	DefaultValue	Property	/ Patterns
Property	Delault value	1	2
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRAT BAUDRATE_57600,	TE_19200, BAUDRATE_38400, . BAUDRATE_115200
ActConnectUnitNumber	0 (0x00)	Connected station side	e module station number
ActCpuType	34 (CPU_Q02CPU)	CPU type correspor	nding to target station
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)
ActDestinationPortNumber	0 (0x00)	Not	Used
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)
ActGotTransparentPCIf	1 (0x01)	Serial (via G	OT): Fixed to 2
ActGotTransparentPLCIf	1 (0x01)	C24 module (QJ7	71C24): Fixed to 30
ActHostAddress	1.1.1.1	Not	Used
ActIntelligentPreferenceBit	0 (0x00)	Fixed to	o 0(0x00)

Dreparty	Default	Property	Patterns
Property	Delault value	1	2
ActIONumber * 4	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number
ActNetworkNumber	0 (0x00)	Fixed to	0(0x00)
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible	side COM port number
ActStationNumber	255 (0xFF)	Fixed to 2	255(0xFF)
ActSourceNetworkNumber	0 (0x00)	Not	Jsed
ActSourceStationNumber	0 (0x00)	Not	Jsed
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThrou	ghNetworkType] in Section 3.2.
ActTimeOut	10000	Any value specified	by user in ms units
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

(c) When there is relayed module in addition to connected station side L series-compatible C24

1. Configuration



2. Property patterns

Connected Station CPU	Relayed	Relayed Station CPU									
LCPU	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU		
	CC IE Field * 3	4	×	4	\times	×	\times	\times	\times		
	MELSECNET/H	×	×	\times	\times	×	\times	\times	\times		
	MELSECNET/10	\times	\times	\times	\times	\times	\times	\times	\times		
1	MELSECNET(II)	×	\times	\times	\times	×	\times	\times	\times		
	Ethernet	\times	\times	\times	\times	\times	\times	\times	\times		
	Computer link	2	×	2	\times	\times	2	\times	\times		
	CC-Link	3	3	3	\times	3	3	3	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Droporty/	Dofault Value		Proper	ty Patterns	
Property	Delault value	\bigcirc	2	3	4
ActBaudRate	19200 (BAUDRATE_19200)	B	AUDRATE_9600, BAUDRA BAUDRATE_57600	TE_19200, BAUDRATE_3), BAUDRATE_115200	38400,
ActConnectUnitNumber	0 (0x00)		Connected station sid	e module station number	
ActCpuType	34 (CPU_Q02CPU)		CPU type correspo	onding to target station	
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) Target station side For single CPU For multiple CPUs ixed to (0x00) Connected CPU: 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 2: 993(0x3E2) No. 3: 994(0x3E2) No. 4: 995(0x3E3)		Fixed to 0(0x00)
ActDestinationPortNumber	0 (0x00)		No	t Used	
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)
ActGotTransparentPCIf	1 (0x01)		Serial (via G	GOT): Fixed to 2	
ActGotTransparentPLCIf	1 (0x01)		C24 module (LJ	71C24): Fixed to 31	
ActHostAddress	1.1.1.1		No	t Used	
ActIntelligentPreferenceBit	0 (0x00)		Fixed	to 0(0x00)	

Dranarti			Prop	perty Patterns	
Floperty	Delault value	1	2	3	4
ActIONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActNetworkNumber	0 (0x00)		Target station side module network number		
ActPortNumber	1 (PORT_1)		IBM-PC/AT compa	atible side COM port n	number
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF	=)	Target station side Module Station number
ActSourceNetworkNumber	0 (0x00)			Not Used	
ActSourceStationNumber	0 (0x00)			Not Used	
ActThroughNetworkType	0 (0x00)	Refe	r to the property [ActT	hroughNetworkType]	in Section 3.2.
ActTimeOut	10000		Any value spec	cified by user in ms ur	nits
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

(d) When connected station side L series-compatible C24 is used for multidrop link with relayed module

1. Configuration



2. Property patterns

	Connected Station CPU	Relayed		Relayed Station CPU										
ink	LCPU	Network	QCPU (Q mode) * 2	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU				
	Independent mode * 3	Computer link	2	×	2	×	×	2	×	×				

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

* 3: The independent mode indicates that the parameters have been set as indicated below.

CH1 side: Operation setting for transmission setting = independent (0), communication protocol setting = 0

CH2 side: Operation setting for transmission setting = independent (0)

3. Property list

Property Patterns						
Property	Delault value	1	2			
ActBaudRate	19200 (BAUDRATE_19200)	BAUDRATE_9600, BAUDRATE_19200, BAUDRATE_38400, BAUDRATE_57600, BAUDRATE_115200				
ActConnectUnitNumber	0 (0x00)	Connected station side	module station number			
ActCpuType	34 (CPU_Q02CPU)	CPU type correspor	iding to target station			
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)			
ActDestinationPortNumber	0 (0x00)	Not	sed			
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)			
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)			
ActGotTransparentPCIf	1 (0x01)	Serial (via GC	DT): Fixed to 2			
ActGotTransparentPLCIf	1 (0x01)	C24 module (LJ7	1C24): Fixed to 31			
ActHostAddress	1.1.1.1	Not	Used			
ActIntelligentPreferenceBit	0 (0x00)	Fixed to	0(0x00)			
ActIONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module I/O address			

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Bronorty	Default Value	Property	Patterns			
Property	Default value	1	2			
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number			
ActNetworkNumber	0 (0x00)	Fixed to	0(0x00)			
ActPortNumber	1 (PORT_1)	IBM-PC/AT compatible side COM port number				
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)				
ActSourceNetworkNumber	0 (0x00)	Not	Used			
ActSourceStationNumber	0 (0x00)	Not	Used			
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThrou	ghNetworkType] in Section 3.2.			
ActTimeOut	10000	Any value specified	I by user in ms units			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number			

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

- (6) IBM-PC/AT compatible side port: USB, GOT1000 side port: USB, CPU side port: Q series-compatible C24 or L series-compatible C24
 - (a) When there is relayed module in addition to connected station side Q series-compatible C24

1. Configuration



2. Property patterns

Connected Station CPU	Relayed	Relayed Station CPU									
QCPU	Network	QCPU	Q12DC	LCPU	QS	QCPU	QnA	ACPU	FX		
(Q mode) * 1		(Q mode) * 1	CPU-V		CPU	(A mode)	CPU	*2	CPU		
	CC IE Control	2	2*3	2	\sim	×	\times	×	$\mathbf{\vee}$		
	CC IE Field	0	© 1. J	*4	~	~	<	~	^		
	MELSECNET/H	2	2	\times	\times	\times	\times	×	\times		
1 * 2	MELSECNET/10	2	2	\times	\times	2	2	2	\times		
U * 3	MELSECNET(II)	×	×	\times	\times	\times	\times	\times	\times		
	Ethernet	2	×	\times	\times	×	2	\times	\times		
	Computer link	3	×	3	\times	\times	3	×	\times		
	CC-Link	4	4	4	\times	4	4	4	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

*3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Dreparty	Default \/alua		F	Property Patterns		
Property	Default value	1	②*5	3	4	
ActBaudRate	19200 (BAUDRATE_19200)			Not Used		
ActConnectUnitNumber	0 (0x00)		Connected stat	ion side module station nu	ımber	
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station				
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	

*5: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Broporty	erns								
Property	Value	1	2 * 5	3	4				
ActDestinationPortNumber	0 (0x00)	Property Patterns ① ② *5 ③ ④ Not Used Fixed to 1(0x01) Fixed to 1(0x01) Fixed to 0(0x00) Fixed to 0(0x00) Fixed to 1(0x01) Fixed to 1(0x01) Fixed to 0(0x00) Fixed to 0(0x00) Fixed to 1(0x01) Fixed to 0(0x00) Fixed to 0(0x00) Fixed to 1(0x01) Fixed to 0(0x00) USB (via GOT): Fixed to 2 C24 module (QJ71C24): Fixed to 30 Not Used Fixed to 0(0x00) Fixed to 0(0x00) Fixed to 1023(0x3FF) For single CPU Fixed to 1023(0x3FF) Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 2: 993(0x3E1)							
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActGotTransparentPCIf	1 (0x01)		USB (via GOT): F	ixed to 2					
ActGotTransparentPLCIf	1 (0x01)		C24 module (QJ71C24): Fixed to 30					
ActHostAddress	1.1.1.1		Not Used						
ActIntelligentPreferenceBit	0 (0x00)		Fixed to 0(0x	00)					
ActIONumber * 6	1023 (0x3FF)	Target station side For single CPU Fixed to 1023(0x3FF)For multiple CPUs Control CPU:Fixed to 1023(0x3FF) For multiple CPUs Connected CPU:Connected station side module I/O addressNo. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)No. 4: 995(0x3E3)Connected station side module I/O address		Connected station side module I/O address					
ActMultiDropChannelNumber *7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActPortNumber	1 (PORT_1)		Not Used						
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)				
ActSourceNetworkNumber	0 (0x00)		Not Used						
ActSourceStationNumber	0 (0x00)		Not Used						
ActThroughNetworkType	0 (0x00)	Refer to th	ne property [ActThroughNe	etworkType] in Section	n 3.2.				
ActTimeOut	10000		Any value specified by u	ser in ms units					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number				

* 5: Note the following points when making access via the Ethernet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.→ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1 2: Channel 2

(b) When connected station side Q series-compatible C24 is used for multidrop link with relayed module

1. Configuration



2. Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU								
ık	QCPU (Q mode) * 1	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU	
	Independent mode * 3	Computer link	2	×	2	×	×	2	\times	×	

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

 \ast 3: The independent mode indicates that the parameters have been set as indicated below.

CH1 side: Operation setting for transmission setting = independent (0), communication protocol setting = 0

CH2 side: Operation setting for transmission setting = independent (0)

3. Property list

Dranarti	DefeuiltMalue	Property Patterns			
Property	Delault value	1	2		
ActBaudRate	19200 (BAUDRATE_19200)	Not	Used		
ActConnectUnitNumber	0 (0x00)	Connected station side	e module station number		
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station			
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)		
ActDestinationPortNumber	0 (0x00)	Not	Used		
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)		
ActGotTransparentPCIf	1 (0x01)	USB (via GC	DT): Fixed to 1		
ActGotTransparentPLCIf	1 (0x01)	USB (via GOT): Fixed to 1 C24 module (QJ71C24): Fixed to 30			
ActHostAddress	1.1.1.1	Not	Used		
ActIntelligentPreferenceBit	0 (0x00)	Fixed to	o 0(0x00)		

Droporty	Default	Property Patterns			
Property	Delault value	1	2		
ActIONumber * 4	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side relayed module I/O address		
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number		
ActNetworkNumber	0 (0x00)	Fixed to	0(0x00)		
ActPortNumber	1 (PORT_1)	Not Used			
ActStationNumber	255 (0xFF)	Fixed to 2	255(0xFF)		
ActSourceNetworkNumber	0 (0x00)	Not	Used		
ActSourceStationNumber	0 (0x00)	Not	Used		
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThrou	ghNetworkType] in Section 3.2.		
ActTimeOut	10000	Any value specified	by user in ms units		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number		

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

(c) When there is relayed module in addition to connected station side L series-compatible C24

1. Configuration



2. Property patterns

	Connected Station CPU	Relayed		Relayed Station CPU									
rk	LCPU	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU			
		CC IE Field * 3	4	×	4	\times	×	\times	\times	\times			
		MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times			
	-	MELSECNET/10	×	\times	\times	\times	\times	\times	\times	\times			
	1	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times			
		Ethernet	×	\times	\times	\times	\times	\times	\times	\times			
		Computer link	2	\times	2	\times	\times	2	\times	\times			
		CC-Link	3	3	3	\times	3	3	3	\times			

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

*1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

* 3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Draparti (DefaultValue		Proper	ty Patterns			
Property	Delauit value	1	2	3	4		
ActBaudRate	19200 (BAUDRATE_19200)	Property Patterns ① ② ③ ④ ① ② ③ ④ Not Used Not Used Signature Connected station side module station number Signature CPU type corresponding to target station Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Target station side To 23(0x3FF) For multiple CPUs For single CPU Single CPU Fixed to 1023(0x3FF) 0(0x00) No. 1: 992(0x3E0) No. 1: 992(0x3E0) No. 1: 992(0x3E0) No. 1: 992(0x3E0) No. 1: 992(0x3E1) No. 2: 993(0x3E1) No. 2: 993(0x3E1) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3) No. 4: 995(0x3E4) Not Used					
ActConnectUnitNumber	8 (TRC_DTR_OR_RTS)		Connected station side module station numberCPU type corresponding to target stationCPU type corresponding to target stationTarget station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 0(0x00)Target station side For multiple CPUs 				
ActCpuType	34 (CPU_Q02CPU)	Connected station side module station numberCPU type corresponding to target stationCPU type corresponding to target stationTarget station side For single CPU Fixed to 1023(0x3FF)Fixed to 0(0x00)Target station side 					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Fixed to 0(0x00)		
ActDestinationPortNumber	0 (0x00)	No. 2: 993(0x3E1) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 3: 994(0x3E2) No. 4: 995(0x3E3) No. 4: 995(0x3E3) Not Used					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)		
ActGotTransparentPCIf	1 (0x01)		USB (via G	OT): Fixed to 1			
ActGotTransparentPLCIf	1 (0x01)		C24 module (LJ	71C24): Fixed to 31			
ActHostAddress	1.1.1.1		No	t Used			
ActIntelligentPreferenceBit	0 (0x00)		Fixed	to 0(0x00)			

Broporty	Default Value	Property Patterns						
Floperty	Delault value	1	2	3	4			
ActIONumber * 4	imber * 4 1023 Fixed to (0x3FF) 1023(0x3FF) Connected station side module I/O address		Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)				
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00) Target station s network number						
ActPortNumber	1 (PORT_1)		1	Not Used				
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF)	Target station side Module Station number			
ActSourceNetworkNumber	0 (0x00)		1	Not Used				
ActSourceStationNumber	0 (0x00)		1	Not Used				
ActThroughNetworkType	0 (0x00)	Refe	r to the property [ActTl	nroughNetworkType]	in Section 3.2.			
ActTimeOut	10000		Any value spec	ified by user in ms u	nits			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)			

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

(d) When connected station side L series-compatible C24 is used for multidrop link with relayed module

1. Configuration



2. Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU							
nk	LCPU	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
	Independent mode * 3	Computer link	2	×	2	\times	×	2	\times	\times

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

 \ast 3: The independent mode indicates that the parameters have been set as indicated below.

CH1 side: Operation setting for transmission setting = independent (0), communication protocol setting = 0

CH2 side: Operation setting for transmission setting = independent (0)

3. Property list

Property	Default Value	Property Patterns	
		1	2
ActBaudRate	19200 (BAUDRATE_19200)	Not Used	
ActConnectUnitNumber	0 (0x00)	Connected station side module station number	
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station	
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)
ActDestinationPortNumber	0 (0x00)	Not Used	
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)
ActGotTransparentPCIf	1 (0x01)	USB (via GOT): Fixed to 1	
ActGotTransparentPLCIf	1 (0x01)	C24 module (LJ71C24): Fixed to 31	
ActHostAddress	1.1.1.1	Not Used	
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	
ActIONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module I/O address

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

Property	Default Value	Property Patterns	
		1	2
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	
ActPortNumber	1 (PORT_1)	Not Used	
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	
ActSourceNetworkNumber	0 (0x00)	Not Used	
ActSourceStationNumber	0 (0x00)	Not Used	
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.	
ActTimeOut	10000	Any value specified by user in ms units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2
(7) IBM-PC/AT compatible side port: Serial, GOT1000 side port: Serial, CPU side port: Q series-compatible E71

1. Configuration



Connected	O series- Relaved	Connect Station C	ted PU	Relayed		Re	layed	Statio	on CPU			
Ethernet	Relaved network	QCPU (Q mode) * 2	QS CPU	Network	QCPU (Q mode) * 2	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *3	FX CPU
GOT				CC IE Control	2	2*4	2	\times	×	\times	×	\times
Serial	Relay target Relayed			CC IE Field	-	-	*5					
	CPU module			MELSECNET/H	2	2	\times	\times	\times	\times	\times	\times
		(1)		MELSECNET/10	2	2	\times	\times	2	2	2	\times
		Ū	^	MELSECNET(II)	×	\times	\times	\times	×	\times	\times	\times
				Ethernet	2	×	\times	\times	×	2	×	\times
IBM-PC/AT compatible				Computer link	3	\times	3	\times	×	\times	\times	\times
				CC-Link	4	4	4	\times	4	4	4	\times
					essible (Pro	perty pa	ttern v	vithin	circle),	imes : In	acces	sible

 *1: Cannot make communication if a remote password has been set to the connected station side Q series-compatible E71.

- *2: Inaccessible to Redundant CPU.
- *3: Including motion controller CPU.
- *4: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.
- * 5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Proporty	Dofault Value		F	Property Patterns	
Fioperty	Delault value	1	2	3	4
ActBaudRate	19200 (BAUDRATE_19200)	BAL	JDRATE_9600, BA BAUDRATE_	UDRATE_19200, BAUDR _57600, BAUDRATE_1152	ATE_38400, 200
ActConnectUnitNumber * 6	0 (0x00)	Fixed to 0(0x00)	Connected station side module station number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)
ActDestinationPortNumber	0 (0x00)			5001	
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)

*6: For access to another station via MELSECNET/10 (for the property pattern of), specify the station number of the connected station side Q series-compatible E71 set in the Ethernet parameter of the connected station side Q series-compatible E71.

Dran arts	Default		Property Patt	erns	
Property	Value	1	2	3	4
ActGotTransparentPCIf	1 (0x01)		Serial (via GOT): F	Fixed to 2	
ActGotTransparentPLCIf	1 (0x01)		Ethernet module: F	ixed to 50	
ActHostAddress	1.1.1.1	Host nar	me or IP address of conne	ected station side mod	dule
ActIntelligentPreferenceBit	0 (0x00)		Not Used	I	
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address
ActMultiDropChannelNumber * 8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)
ActNetworkNumber * 9	0 (0x00)	Network number of target station side module	Network number of target station side module	Connected station side Q series- compatible E71 network number	Connected station side Q series- compatible E71 network number
ActPortNumber	1 (PORT_1)	IB	M-PC/AT compatible side	COM port number	
ActStationNumber * 9	255 (0xFF)	Target station side module station number	Target station side module station number	Connected station side Q series- compatible E71 station number	Connected station side Q series- compatible E71 station number
ActSourceNetworkNumber * 10	0 (0x00)		GOT side network	number	
ActSourceStationNumber * 11	0 (0x00)		GOT side station	number	
ActThroughNetworkType	0 (0x00)	Refer to th	ne property [ActThroughNe	etworkType] in Sectio	n 3.2.
ActTimeOut	10000		Any value specified by u	iser in ms units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

2: Channel 2

* 9: For the property pattern of or , specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.
 * 10: Specify the same network number as the MELSECNET/10 network number set to the Q series-compatible E71 in the Ethernet parameter setting of the target station side Q series-compatible E71.

*11: Specify the station number on the IBM-PC/AT compatible side to avoid setting the same station number as set to the Q seriescompatible E71 within the same Ethernet loop.

^{1:} Channel 1

(8) IBM-PC/AT compatible side port: USB, GOT1000 side port: USB, CPU side port: Q series-compatible E71

1. Configuration



Connected O series- Rela	/ed	Connecte Station CF	ed >U	Relayed		Re	elayed	Stati	ion CPU			
Ethernet Station CPU compatible E71*1 mod	ule (Q	QCPU Q mode) * 2	QS CPU	Network	QCPU (Q mode) * 2	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *3	FX CPU
GOT Relay target Rela	/ed			CC IE Control CC IE Field	2	2*4	② *5	\times	×	×	×	\times
	ule			MELSECNET/H	2	2	\times	\times	\times	\times	\times	\times
		1)	$\mathbf{\mathbf{v}}$	MELSECNET/10	2	2	\times	\times	2	2	2	\times
			~	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times
ł 🗔				Ethernet	2	\times	\times	\times	\times	2	\times	\times
IBM-PC/AT compatible				Computer link	3	\times	3	\times	\times	\times	\times	\times
				CC-Link	4	4	4	\times	4	4	4	\times

: Accessible (Property pattern within circle), × : Inaccessible
 * 1: Cannot make communication if a remote password has been set to the connected station side Q series-compatible E71.

- *2: Inaccessible to Redundant CPU.
- * 3: Including motion controller CPU.
- *4: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.
- *5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Property	Dofault Value		F	Property Patterns	
Fioperty	Delault value	1	2	3	4
ActBaudRate	19200 (BAUDRATE_19200)			Not Used	
ActConnectUnitNumber * 6	0 (0x00)	Fixed to 0(0x00)	Connected station side module station number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)
ActDestinationPortNumber	0 (0x00)			5001	
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)

*6: For access to another station via MELSECNET/10 (for the property pattern of), specify the station number of the connected station side Q series-compatible E71 set in the Ethernet parameter of the connected station side Q series-compatible E71.

Desports	Default	Ī	Property Patt	erns	
Ргорепту	Value	1	2	3	4
ActGotTransparentPCIf	1 (0x01)		USB (via GOT): F	ixed to 1	
ActGotTransparentPLCIf	1 (0x01)		Ethernet module: F	ixed to 50	
ActHostAddress	1.1.1.1	Host na	me or IP address of conne	ected station side mo	dule
ActIntelligentPreferenceBit	0 (0x00)		Not Used	I	
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address
ActMultiDropChannelNumber * 8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)
ActNetworkNumber * 9	0 (0x00)	Network number of target station side module	Network number of target station side module	Connected station side Q series- compatible E71 network number	Connected station side Q series- compatible E71 network number
ActPortNumber	1 (PORT_1)		Not Used	1	
ActStationNumber * 9	255 (0xFF)	Target station side module station number	Target station side module station number	Connected station side Q series- compatible E71 station number	Connected station side Q series- compatible E71 station number
ActSourceNetworkNumber * 10	0 (0x00)		GOT side network	< number	
ActSourceStationNumber * 11	0 (0x00)		GOT side station	number	
ActThroughNetworkType	0 (0x00)	Refer to th	e property [ActThroughNe	etworkType] in Sectio	in 3.2.
ActTimeOut	10000		Any value specified by u	user in ms units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

* 9: For the property pattern of or , specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.
 * 10: Specify the same network number as the MELSECNET/10 network number set to the Q series-compatible E71 in the Ethernet parameter setting of the target station side Q series-compatible E71.

*11: Specify the station number on the IBM-PC/AT compatible side to avoid setting the same station number as set to the Q seriescompatible E71 within the same Ethernet loop.

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X

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*3 CPU

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*3 CPU

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2

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(9) IBM-PC/AT compatible side port: Serial, GOT1000 side port: Serial, CPU side port: Ethernet port

(a) When connected station CPU is QnUDE(H)CPU or Q12DCCPU-V

1. Configuration

2. Property patterns



CC-Link (4) (4) (4) \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

× ×

*1: Cannot make communication if a remote password has been set to the connected station CPU.

 \mathbf{x}

 $\mathbf{\mathbf{x}}$

*2: Inaccessible to Redundant CPU.

* 3: Including motion controller CPU.

Ethernet

Computer link

*4: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Broporty	Dofault Value		Property Patterns							
Fioperty	Delault value	1	2*6	3	4					
ActBaudRate	19200 (BAUDRATE_19200)	BAL	JDRATE_9600, BA BAUDRATE_	UDRATE_19200, BAUDR _57600, BAUDRATE_1152	ATE_38400, 200					
ActConnectUnitNumber	0 (0x00)		Not Used							
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)					

*6: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

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Broporty	Default		Property Patt	erns	
Froperty	Value	1	②*6	3	4
ActDestinationPortNumber	0 (0x00)		Not Usec	1	
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)
ActGotTransparentPCIf	1 (0x01)		Serial (via GOT): I	Fixed to 2	
ActGotTransparentPLCIf	1 (0x01)		Ethernet CPU module (Q0	CPU): Fixed to 70	
ActHostAddress	1.1.1.1		Not Used	I	
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side relayed module I/O address	Connected station side relayed module I/O address
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)
ActNetworkNumber * 9	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)
ActPortNumber	1 (PORT_1)	IB	M-PC/AT compatible side	COM port number	
ActStationNumber * 9	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)
ActSourceNetworkNumber	0 (0x00)		Not Used	l	
ActSourceStationNumber	0 (0x00)		Not Used	I	
ActThroughNetworkType	0 (0x00)	Refer to the	ne property [ActThroughNo	etworkType] in Sectio	n 3.2.
ActTimeOut	10000		Any value specified by u	iser in ms units	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number

*6: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

Set the "Station No.→ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.→ IP information system".

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*9: For the property pattern of ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

(b) When connected station CPU is LCPU

1. Configuration

2. Property patterns

Ethernet	Connected station CPU	Relayed module	Connected Station CPU * 1	Relayed		R	elayed	Stati	on CPU			
	Rela	ayed network	LCPU	Network	QCPU	Q12DC CPU-V	LCPU	QS CPU	QCPU	QnA CPU	ACPU *3	FX CPU
GOT				CC IE Field * 4	(<u>u</u>	×	4	×	×	×	×	×
Serial	Relay targe	t Relayed		MELSECNET/H	×	×	×	\times	×	\times	\times	\times
	CPU	module		MELSECNET/10	×	\times	×	\times	\times	\times	\times	\times
			1	MELSECNET(II)	×	×	×	\times	×	\times	\times	\times
				Ethernet	×	\times	×	\times	\times	\times	\times	\times
				Computer link	2	\times	2	\times	\times	\times	\times	\times
IBM-PC/AT compat	ible			CC-Link	3	3	3	\times	×	\times	\times	\times
				\frown · A ==	anaible (Dr	a va a who i va	att a way	مرز والجزر	almala)	34.1		aaibla

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Cannot make communication if a remote password has been set to the connected station CPU.

*2: Inaccessible to Redundant CPU.

*3: Including motion controller CPU.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Bronorth (Default Value		Prop	erty Patterns				
Fioperty	Delault value	1	2	3	4			
ActBaudRate	19200 (BAUDRATE_19200)	BA	UDRATE_9600, BAUDF BAUDRATE_576	RATE_19200, BAUDRA ⁻ 00, BAUDRATE_11520	TE_38400, 0			
ActConnectUnitNumber	0 (0x00)		٢	Not Used				
ActCpuType	34 (CPU_Q02CPU)		CPU type corres	ponding to target station				
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Fixed to 0(0x00)			
ActDestinationPortNumber	0 (0x00)		١	Not Used				
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)			
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0 (0x00)	Fixed to 1(0x01)			
ActGotTransparentPCIf	1 (0x01)		Serial (via	GOT): Fixed to 2				
ActGotTransparentPLCIf	1 (0x01)		Ethernet CPU mo	odule (LCPU): Fixed to 7	1			
ActHostAddress	1.1.1.1	Н	ost name or IP address	of connected station side	e module			
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Fixed to 0(0x00)			

Droporti	perty Default Value					
Property	Delault value	1	2	3	4	
ActIONumber * 5	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side relayed module I/O address	Connected station side relayed module I/O address	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	
ActMultiDropChannelNumber * 6	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActNetworkNumber	0 (0x00)		Fixed to 0(0x00)		Target station side module network number	
ActPortNumber	1 (PORT_1)		٢	Not Used		
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF	=)	Target station side Module Station number	
ActSourceNetworkNumber	0 (0x00)		١	Not Used		
ActSourceStationNumber	0 (0x00)		١	Not Used		
ActThroughNetworkType	0 (0x00)	Refe	r to the property [ActTh	nroughNetworkType] in	Section 3.2.	
ActTimeOut	10000		Any value speci	ified by user in ms unit	s	
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)	

*5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1 2: Channel 2

(10) IBM-PC/AT compatible side port: USB, GOT1000 side port: USB, CPU side port: Ethernet port

(a) When connected station CPU is QnUDE(H)CPU or Q12DCCPU-V

1. Configuration

2. Property patterns

	Connected station CPU	Relayed module	Connected Station CPU * 1	Relayed		R	elayed	Stati	on CPU			
Ethernet	Connected Relayed station CPU module Relayed netwo JSB Relay target Relayed CPU module	aved network	QnUDE(H)CPU	Network	QCPU (Q mode) * 2	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *3	FX CPU
GOT				CC IE Control CC IE Field	2	@*4	2 *5	×	×	\times	×	\times
USB		module		MELSECNET/H	2	2	×	\times	×	\times	×	\times
		module	1	MELSECNET/10	2	2	×	\times	2	2	2	\times
			•	MELSECNET(II)	×	\times	\times	\times	\times	\times	\times	\times
				Ethernet	2	\times	\times	\times	\times	2	\times	\times
	Relay target Relayed CPU module			Computer link	3	×	3	\times	\times	\times	\times	\times
	compatible			CC-Link	4	4	4	\times	\times	\times	\times	\times
	ible											
IBM-PC/AT compa	tible		Connected Station CPU * 1	Relayed		R	elayed	Stati	on CPU			
IBM-PC/AT compa	tible		Connected Station CPU * 1 Q12DCCPU-V	Relayed Network	QCPU (Q mode) * 2	Ri Q12DC CPU-V	elayed LCPU	Stati QS CPU	on CPU QCPU (A mode)	QnA CPU	ACPU *3	FX CPU
IBM-PC/AT compa	tible		Connected Station CPU * 1 Q12DCCPU-V	Relayed Network CC IE Control CC IE Field	QCPU (Q mode) * 2 ②	Ri Q12DC CPU-V ② * 4	elayed LCPU ② *5	Stati QS CPU ×	on CPU QCPU (A mode) ×	QnA CPU ×	ACPU *3 ×	FX CPU ×
IBM-PC/AT compa	tible		Connected Station CPU * 1 Q12DCCPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H	QCPU (Q mode) * 2 ② ②	Ri Q12DC CPU-V ② * 4 ②	elayed LCPU 2 *5 ×	Stati QS CPU ×	on CPU QCPU (A mode) × ×	QnA CPU ×	ACPU *3 ×	FX CPU ×
IBM-PC/AT compa	tible		Connected Station CPU*1 Q12DCCPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10	QCPU (Q mode) * 2 ② ② ②	R(Q12DC CPU-V ② *4 ② ②	elayed LCPU 2 * 5 × ×	Stati QS CPU × ×	on CPU QCPU (A mode) × ×	QnA CPU × ×	ACPU *3 × ×	FX CPU × ×
IBM-PC/AT compa	tible		Connected Station CPU * 1 Q12DCCPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode)*2 2 2 2 2 ×	R(CPU-V 2 * 4 2 2 ×	elayed LCPU *5 × ×	Stati QS CPU × × ×	on CPU QCPU (A mode) × × 2 ×	QnA CPU × × ②	ACPU *3 × × 2 ×	FX CPU × × × ×
IBM-PC/AT compa	tible		Connected Station CPU * 1 Q12DCCPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode)*2 2 2 2 2 2 2 × ×	R Q12DC CPU-V ② *4 ② ② × × ×	elayed LCPU *5 × × ×	Stati QS CPU × × ×	on CPU (A mode) × × ② × ×	QnA CPU × × (2) ×	ACPU *3 × × 2 ×	FX CPU × × × × ×
IBM-PC/AT compa	tible		Connected Station CPU * 1 Q12DCCPU-V	Relayed Network CC IE Control CC IE Field MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode)*2 2 2 2 2 2 2 × × × ×	R Q12DC CPU-V ② *4 ② ② × × ×	elayed LCPU *5 × × × ×	Stati QS CPU × × × ×	on CPU (A mode) × × (2) × × × ×	QnA CPU × × (2) × ×	ACPU *3 × × × × × × × ×	FX CPU × × × × × ×

(4) (4) × × 4 \times \times \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Cannot make communication if a remote password has been set to the connected station CPU.

*2: Inaccessible to Redundant CPU.

* 3: Including motion controller CPU.

*4: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE

Field Network is not supported. *5: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Property	Default Value	Property Patterns								
Порену	Delault value	1	2*6	3	4					
ActBaudRate	19200 (BAUDRATE_19200)	Not Used								
ActConnectUnitNumber	0 (0x00)		Not Used							
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)					

*6: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q seriescompatible E71 or QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Broporty	Dofault Value	Property Patterns						
Property	Delault value	1	2*6	3	4			
ActDestinationPortNumber	0 (0x00)		Not Used	1				
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActGotTransparentPCIf	1 (0x01)		USB (via GOT): F	Fixed to 1				
ActGotTransparentPLCIf	1 (0x01)							
ActHostAddress	1.1.1.1		Not Used	ł				
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU :1(0x01) Other than the above :0(0x00)			
ActIONumber * 7	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side relayed module I/O address	Connected station side relayed module I/O address			
ActMultiDropChannelNumber *8	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)			
ActNetworkNumber * 9	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActPortNumber	1 (PORT_1)		Not Used	1				
ActStationNumber * 9	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)			
ActSourceNetworkNumber	0 (0x00)		Not Used	ł				
ActSourceStationNumber	0 (0x00)		Not Used	1				
ActThroughNetworkType	0 (0x00)	Refer to t	he property [ActThroughN	etworkType] in Sectio	n 3.2.			
ActTimeOut	10000		Any value specified by u	user in ms units				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number			

*6: Note the following points when making access via the Ethernet module (Q series-compatible E71, QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side Q series-

Set the "Station No.↔ IP information" in the parameter setting of the Q series-compatible E71 or QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*7: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*8: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*9: For the property pattern of ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

(b) When connected station CPU is LCPU

1. Configuration

2. Property patterns

Ethernet	Connected Relayed station CPU module	Connected Station CPU * 1	Relayed		R	elayed	Statio	on CPU			
	Relaved network		Network	QCPU	Q12DC	I CPU	QS	QCPU	QnA	ACPU	FX
	Relayed network			(Q mode) *2	CPU-V	2010	CPU	(A mode)	CPU	*3	CPU
GOT			CC IE Field * 4	4	×	4	\times	×	\times	\times	\times
USB	USB Relay target Relayed		MELSECNET/H	\times	\times	\times	\times	\times	\times	\times	\times
			MELSECNET/10	×	\times	\times	\times	\times	\times	\times	\times
		1	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times
			Ethernet	×	\times	\times	\times	\times	\times	\times	\times
			Computer link	2	\times	2	\times	\times	\times	\times	\times
IBM-PC/AT compat	ible		CC-Link	3	3	3	×	×	×	×	\times
			$\cap \cdot \mathbf{A}$	cossible (Pr	onorty r	nattorn	within	circle)	$\sim \cdot 1$	nacco	sciblo

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible * 1: Cannot make communication if a remote password has been set to the connected

station CPU.

*2: Inaccessible to Redundant CPU.

* 3: Including motion controller CPU.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Broporty	Property Patterns								
Froperty	Delault value	1	2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)		1	Not Used					
ActConnectUnitNumber	0 (0x00)	Not Used							
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station							
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Fixed to 0(0x00)				
ActDestinationPortNumber	0 (0x00)		١	Not Used					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01) Fixed to 0(0x00)		Fixed to 0(0x00)	Fixed to 1(0x01)				
ActGotTransparentPCIf	1 (0x01)		USB (via	GOT): Fixed to 1					
ActGotTransparentPLCIf	1 (0x01)		Ethernet CPU mo	odule (LCPU): Fixed to 7	1				
ActHostAddress	1.1.1.1	F	lost name or IP address	of connected station sid	e module				
ActIntelligentPreferenceBit	1.1.1.1 Host name or IP addr 0 Target station 0 Fixed to 0(0x00) 0(0x00) LCPU 1(0x01) Other than the abor 0(0x00)		Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Fixed to 0(0x00)				

Broporty	Property Patterns						
Floperty	Delault value	1	2	3	4		
ActIONumber * 5	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)		
ActMultiDropChannelNumber * 6	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActNetworkNumber	0 (0x00)		Fixed to 0(0x00)				
ActPortNumber	1 (PORT_1)		I	Not Used			
ActStationNumber	255 (0xFF)		Fixed to 255(0xFF	=)	Target station side Module Station number		
ActSourceNetworkNumber	0 (0x00)		I	Not Used			
ActSourceStationNumber	0 (0x00)		I	Not Used			
ActThroughNetworkType	tThroughNetworkType 0 (0x00) Refer to the property [ActThroughNetworkType] in						
ActTimeOut	10000		Any value spec	ified by user in ms uni	ts		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)		

* 5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.* 6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1 2: Channel 2

(11) IBM-PC/AT compatible side port: Serial, GOT1000 side port: Serial, CPU side port: CC-Link IE Field Network Ethernet adapter module

1. Configuration



Connected station CPU	CC-Link Network	IE Field module	Relayed module	Connected Station CPU	Relayed		R	elayed	Stati	on CPU			
CC-Link JE F	Field Network	Relaye	d network	QnUDE(H)CPU Network		QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
Ethernet ada	Ethernet adapter module Ethernet GOT Serial		Relayed		CC IE Control CC IE Field	2	2*3	2 *4	×	×	×	×	×
			J module		MELSECNET/H	2	2	×	\times	×	\times	X	\times
GC				(1)	MELSECNET/10	2	2	\times	\times	×	\times	×	\times
					MELSECNET(II)	×	\times	×	\times	\times	\times	×	\times
					Ethernet	2	\times	\times	\times	\times	\times	×	\times
				Computer link	3	\times	3	\times	\times	\times	\times	\times	
IBM-PC/AT compatible			CC-Link	4	4	4	\times	\times	\times	\times	\times		
IBM-PC/AT	compatible			Connected Station CPU * 1	Relayed		R	elayed	Stati	ion CPU			
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network	QCPU (Q mode) * 1	R Q12DC CPU-V	elayed LCPU	Stati QS CPU	QCPU	QnA CPU	ACPU *2	FX CPU
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4	QCPU (Q mode) * 1 (2)	R Q12DC CPU-V ×	elayed LCPU 2	Stati QS CPU ×	OR CPU QCPU (A mode)	QnA CPU ×	ACPU *2 ×	FX CPU ×
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H	QCPU (Q mode) * 1 2 ×	R Q12DC CPU-V × ×	elayed LCPU ② ×	Stati QS CPU ×	QCPU (A mode) ×	QnA CPU ×	ACPU *2 ×	FX CPU ×
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10	QCPU (Q mode) * 1 (2) × ×	R Q12DC CPU-V × × ×	elayed LCPU ② ×	Stati QS CPU × × ×	QCPU (A mode) × × ×	QnA CPU × ×	ACPU *2 × ×	FX CPU × ×
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode) * 1 ② × × ×	R Q12DC CPU-V × × × ×	elayed LCPU ② × ×	Stati QS CPU × × ×	QCPU (A mode) × × × ×	QnA CPU × × ×	ACPU *2 × × ×	FX CPU × × ×
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode)*1 2 × × × × ×	R Q12DC CPU-V × × × ×	elayed	Stati QS CPU × × × ×	CPU (A mode) × × × × ×	QnA CPU × × × ×	ACPU *2 × × × ×	FX CPU × × × ×
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode)*1 2 × × × × 3	R Q12DC CPU-V × × × ×	elayed LCPU × × × ×	Stati QS CPU × × × ×	ON CPU QCPU (A mode) × × × × ×	QnA CPU × × × ×	ACPU *2 × × × × ×	FX CPU × × × × × ×
IBM-PC/AT	compatible			Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/I0 MELSECNET(II) Ethernet Computer link CC-Link	QCPU (Q mode)*1 2 × × × × 3 4	R Q12DC CPU-V × × × × ×	elayed LCPU 2 × × × × 3 4	Stati	Con CPU (A mode) × × × × × × ×	QnA CPU × × × × ×	ACPU *2 × × × × × ×	FX CPU × × × × × × × ×

*1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

*3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported. *4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE

Controller Network is not supported.

3. Property list

Broporty	Dofault Value	Property Patterns								
Fioperty	Delault value	1	2	4						
ActBaudRate	19200 (BAUDRATE_19200)	BAU	DRATE_9600, BA BAUDRATE_	00, BAUDRATE_19200, BAUDRATE_38400, RATE_57600, BAUDRATE_115200						
ActConnectUnitNumber	0 (0x00)		Not Used							
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)					

Droporty	Default \/alua	Property Patterns							
Property	Delault value	1	2	3	4				
ActDestinationPortNumber	0 (0x00)		Not Usec	1					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActGotTransparentPCIf	1 (0x01)		Serial (via GOT): I	Fixed to 2					
ActGotTransparentPLCIf	1 (0x01)	1 (01) CC-Link IE Field Network Ethernet adapter module: Fixed to 60							
ActHostAddress	1.1.1.1	Host name or IP a	address of CC-Link IE Field	d Network Ethernet a	dapter module				
ActIntelligentPreferenceBit	0 (0x00)		Fixed to 0(0>	(00)					
ActIONumber * 5	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side relayed module I/O address	Connected station side relayed module I/O address				
ActMultiDropChannelNumber *6	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)				
ActNetworkNumber * 7	0 (0x00)	Connected station side CC-Link IE Field Network module network number	Target station side module network number	Connected station side CC-Link IE Field Network module network number	Connected station side CC-Link IE Field Network module network number				
ActPortNumber	1 (PORT_1)		IBM-PC/AT compatible s	ide port number					
ActStationNumber * 7	255 (0xFF)	Connected station side CC-Link IE Field Network module station number	Target station side module station number	Connected station side CC-Link IE Field Network module station number	Connected station side CC-Link IE Field Network module station number				
ActSourceNetworkNumber	0 (0x00)		Not Used	1					
ActSourceStationNumber	0 (0x00)		Not Usec	1					
ActThroughNetworkType	0 (0x00)	Refer to t	he property [ActThroughNe	etworkType] in Sectio	n 3.2.				
ActTimeOut	10000		Any value specified by u	user in ms units					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number				

*5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

* 6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*7: For the property pattern of ①, ③, or ④, specify the parameter value set to the CC-Link IE Field Network module on the connected station side for ActNetworkNumber and ActStationNumber.

For the property pattern of ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

(12) IBM-PC/AT compatible side port:USB, GOT1000 side port: USB, CPU side port: CC-Link IE Field Network Ethernet adapter module

1. Configuration



Connected CC-Link station CPU Network	IE Field Relayed module module	Connected Station CPU	Relayed		R	elayed	l Stat	ion CPU			
CC-Link IE Field Network	Relayed network	QnUDE(H)CPU		QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
Ethernet	Relayed Relayed		CC IE Control CC IE Field	2	2*3	2 *4	\times	×	×	\times	×
	GOT Station CPU module		MELSECNET/H	2	2	×	\times	×	\times	×	\times
GOT		(1)	MELSECNET/10	2	2	×	\times	×	\times	×	\times
USB			MELSECNET(II)	×	×	×	×	×	\times	×	\times
			Ethernet	2	\times	\times	\times	\times	\times	\times	\times
			Computer link	3	\times	3	\times	×	\times	\times	\times
		CC-Link	4	4	4	\times	\times	\times	\times	\times	
IBM-PC/AT compatible		Connected Station CPU * 1									
IBM-PC/AT compatible		Connected Station CPU * 1	Relayed		R	elayed	Stat	ion CPU			
IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network	QCPU (Q mode) * 1	R Q12DC CPU-V	elayed LCPU	QS QS CPU	ion CPU QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4	QCPU (Q mode) * 1 (2)	R Q12DC CPU-V ×	elayed LCPU ②	QS CPU	ion CPU QCPU (A mode) ×	QnA CPU ×	ACPU *2	FX CPU ×
IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H	QCPU (Q mode) * 1 ② ×	R Q12DC CPU-V × ×	elayed LCPU ②	QS CPU ×	ion CPU QCPU (A mode) × ×	QnA CPU ×	ACPU *2 ×	FX CPU ×
IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10	QCPU (Q mode) * 1 ② × ×	R Q12DC CPU-V × × ×	elayed LCPU ② ×	Stati QS CPU × × ×	ion CPU QCPU (A mode) × × ×	QnA CPU × ×	ACPU *2 × ×	FX CPU × ×
IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10 MELSECNET(II)	QCPU (Q mode) * 1 ② × × ×	R Q12DC CPU-V × × × ×	elayed LCPU ② × ×	Stati	ION CPU QCPU (A mode) × × × ×	QnA CPU × × ×	ACPU *2 × × ×	FX CPU × × ×
Lî L] IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet	QCPU (Q mode)*1 (2) × × × × ×	R Q12DC CPU-V × × × ×	elayed	Stati	ion CPU QCPU (A mode) × × × ×	QnA CPU × × × ×	ACPU *2 × × × ×	FX CPU × × × ×
Lî L] IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/10 MELSECNET(II) Ethernet Computer link	QCPU (Q mode)*1 2 × × × × ×	R Q12DC CPU-V × × × × ×	elayed LCPU × × × ×	Stati CPU × × × × ×	QCPU (A mode) × × × × ×	QnA CPU × × × ×	ACPU *2 × × × ×	FX CPU × × × × ×
IBM-PC/AT compatible		Connected Station CPU * 1 LCPU	Relayed Network CC IE Field * 4 MELSECNET/H MELSECNET/I0 MELSECNET(II) Ethernet Computer link CC-Link	QCPU (Q mode) * 1 2 × × × × 3 4	R Q12DC CPU-V × × × × ×	elayed LCPU 2 × × × 3 4	Stati QS CPU × × × × ×	In CPU (A mode) × × × × × × × ×	QnA CPU × × × × ×	ACPU *2 × × × × ×	FX CPU × × × × × × × × × × × × × × × ×

*1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

*3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported. *4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE

Controller Network is not supported.

3. Property list

Broporty	Dofault Value	Property Patterns								
Fioperty	Delault value	1	2	4						
ActBaudRate	19200 (BAUDRATE_19200)	BAU	DRATE_9600, BA BAUDRATE_	00, BAUDRATE_19200, BAUDRATE_38400, RATE_57600, BAUDRATE_115200						
ActConnectUnitNumber	0 (0x00)		Not Used							
ActCpuType	34 (CPU_Q02CPU)		CPU type co	prresponding to target stati	on					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)					

Dranacti (Property Patterns							
Property	Default value	1	2	3	4			
ActDestinationPortNumber	0 (0x00)		Not Usec	1				
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)			
ActGotTransparentPCIf	1 (0x01)		USB (via GOT): F	ixed to 1				
ActGotTransparentPLCIf	1 (0x01)	CC-Link II	E Field Network Ethernet a	adapter module: Fixed	l to 60			
ActHostAddress	1.1.1.1	Host name or IP a	address of CC-Link IE Field	d Network Ethernet a	dapter module			
ActIntelligentPreferenceBit	0 Fixed to 0(0x00)							
ActIONumber * 5	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side relayed module I/O address	Connected station side relayed module I/O address			
ActMultiDropChannelNumber *6	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)			
ActNetworkNumber * 7	0 (0x00)	Connected station side CC-Link IE Field Network module network number	Target station side module network number	Connected station side CC-Link IE Field Network module network number	Connected station side CC-Link IE Field Network module network number			
ActPortNumber	1 (PORT_1)		IBM-PC/AT compatible s	ide port number				
ActStationNumber * 7	255 (0xFF)	Connected station side CC-Link IE Field Network module station number	Target station side module station number	Connected station side CC-Link IE Field Network module station number	Connected station side CC-Link IE Field Network module station number			
ActSourceNetworkNumber	0 (0x00)		Not Used	1				
ActSourceStationNumber	0 (0x00)		Not Usec	1				
ActThroughNetworkType	0 (0x00)	Refer to t	he property [ActThroughNe	etworkType] in Sectio	n 3.2.			
ActTimeOut	10000		Any value specified by u	user in ms units				
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number			

*5: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*6: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*7: For the property pattern of ①, ③, or ④, specify the parameter value set to the CC-Link IE Field Network module on the connected station side for ActNetworkNumber and ActStationNumber.

For the property pattern of ②, specify the value set in the target station side parameter for ActNetworkNumber and ActStationNumber.

(13) IBM-PC/AT compatible side port: Ethernet port, GOT1000 side port: Ethernet port, CPU side port: Serial

2. Property patterns

Q12DCCPU-V

(a) When connected station CPU is QCPU(Q mode) or

1. Configuration



Conn Statio	ected n CPU	Polovod	Relayed Station CPU										
QCPU (Q mode) * 1	Q12DC CPU-V	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU			
		CC IE Control CC IE Field	2	2*3	② *4	\times	×	×	×	\times			
		MELSECNET/H	2	2	×	\times	×	\times	\times	\times			
1		MELSECNET/10	2	2	×	\times	\times	\times	\times	\times			
Ū	Ū	MELSECNET(II)	×	×	\times	\times	\times	\times	\times	\times			
		Ethernet	\times	\times	\times	\times	\times	\times	\times	\times			
		Computer link	3	×	3	×	\times	\times	\times	\times			
		CC-Link	4	4	4	×	×	×	×	\times			

 \bigcirc : Accessible (Property pattern within circle), imes : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

* 3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Drenert	Default		Property Patterns							
Property	Default value	1	2*5	3	4					
ActBaudRate	19200 (BAUDRATE_19200)		Not Used							
ActConnectUnitNumber	0 (0x00)		Not Used							
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station								
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)					

*5: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. ↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No. ↔ IP information system".

Property	Default		Property	Patterns	-		
	Value	1	2 * 5	3	4		
ActDestinationPortNumber	0 (0x00)		GOT por	t number			
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01) Fixed to 1(0x01)		Fixed to 0(0x00)	Fixed to 0(0x00)		
ActGotTransparentPCIf	1 (0x01)		Ethernet (via G	GOT): Fixed to 3			
ActGotTransparentPLCIf	1 (0x01)		CPU module QCPU	(Q mode): Fixed to 1			
ActHostAddress	1.1.1.1		Host name or IP	address of GOT			
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)		
ActIONumber * 6	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Control CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address		
ActMultiDropChannelNumber *7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)		
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActPortNumber	1 (PORT_1)		Not	Used			
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)		
ActSourceNetworkNumber	0 (0x00)		Not	Used			
ActSourceStationNumber	0 (0x00)	Not Used					
ActThroughNetworkType	0 (0x00)	Refer to	the property [ActThrou	ghNetworkType] in Sec	tion 3.2.		
ActTimeOut	10000		Any value specified	by user in ms units			
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number		

*5: Note the following points when making access via the Ethernet module (QE71).

For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.
Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

(b) When connected station CPU is LCPU

1. Configuration



2. Property patterns

	Connected Station CPU	Relayed	Relayed Station CPU									
		Network	QCPU	Q12DC	LCPU	QS	QCPU	QnA	ACPU	FX		
	LOFU		(Q mode) * 1	CPU-V		CPU	(A mode)	CPU	*2	CPU		
ĸ		CC IE Field * 3	4	×	4	\times	×	\times	×	\times		
		MELSECNET/H	×	×	×	\times	×	\times	×	\times		
		MELSECNET/10	×	×	×	\times	\times	\times	\times	\times		
	1	MELSECNET(II)	×	×	\times	\times	×	\times	×	\times		
		Ethernet	×	×	×	\times	\times	\times	\times	\times		
		Computer link	2	×	2	\times	\times	\times	\times	\times		
		CC-Link	3	3	3	\times	×	\times	\times	\times		

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Broporty	Default \/alua		Property Patterns						
Froperty	Delault value	\bigcirc	2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)		Not Used						
ActConnectUnitNumber	0 (0x00)		Not	Used					
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station							
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Fixed to 0(0x00)				
ActDestinationPortNumber	0 (0x00)	GOT port number							
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActGotTransparentPCIf	1 (0x01)		Serial (via G	DT): Fixed to 3					
ActGotTransparentPLCIf	1 (0x01)		CPU module L	CPU: Fixed to 6					
ActHostAddress	1.1.1.1	Host name or IP address of GOT							
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Fixed to 0(0x00)				

Broporty			Proper	rty Patterns			
Property	Delault value	1	2	3	4		
ActIONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)		
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00) Multidrop channel number		Fixed to 0(0x00)	Fixed to 0(0x00)		
ActNetworkNumber	0 (0x00) Fixed to 0(0		Fixed to 0(0x00) Fixed to 0(0x0		Target station side module network number		
ActPortNumber	1 (PORT_1)	Not Used					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Target station side Module Station number		
ActSourceNetworkNumber	0 (0x00)		No	ot Used			
ActSourceStationNumber	0 (0x00)		No	ot Used			
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.					
ActTimeOut	10000	Any value specified by user in ms units					
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)		

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

(14) IBM-PC/AT compatible side port: Ethernet port, GOT1000 side port: Ethernet port,

CPU side port: Q series-compatible C24

(a) When there is relayed module in addition to connected station side Q series-compatible C24

1. Configuration

2. Property patterns

				Conn Statio	nected In CPU Relayed		Relayed Station CPU							
GOT	Connected station CPU co	Q series- ompatible C24	Relayed 1 module	QCPU (Q mode) *1	Q12DC CPU-V	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
Ethern	Serial	Relay targe	ayed network			CC IE Control CC IE Field	2	2*3	② *4	×	×	×	×	\times
		CPU	module			MELSECNET/H	2	2	\times	\times	\times	\times	\times	\times
				1		MELSECNET/10	\times	×	\times	\times	\times	\times	\times	\times
				Ū	U	MELSECNET(II)	\times	\times	\times	\times	\times	\times	\times	\times
IBM-PC/AT co	ompatible					Ethernet	×	×	×	\times	×	\times	×	\times
					Computer link	3	×	3	\times	\times	\times	\times	\times	
						CC-Link	4	4	4	×	×	\times	\times	\times
							sible (Pro	nerty n	attern	withir	n circle)	$\times \cdot 1$	nacces	ssihle

(Property pattern within circle),

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

*3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Broporty	Default Value	Property Patterns							
Froperty	Delault value	1	2 * 5	3	4				
ActBaudRate	19200 (BAUDRATE_19200)	Not Used							
ActConnectUnitNumber	0 (0x00)		Not Used						
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station							
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)						
ActDestinationPortNumber	0 (0x00)	GOT port number							
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01) Fixed to 1(0x01) Fixed to 0(0x00) Fixed to 0(0x00)							

* 5: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No. --- IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Dressert	Default		Property	Patterns		
Property	Value	1	2 * 5	3	4	
ActGotTransparentPCIf	1 (0x01)		Ethernet (via G	GOT): Fixed to 3		
ActGotTransparentPLCIf	1 (0x01)		C24 module (QJ7	1C24): Fixed to 30		
ActHostAddress	1.1.1.1		Host name or IP	address of GOT		
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	
ActIONumber * 6	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side module I/O address	Connected station side module I/O address	
ActMultiDropChannelNumber * 7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)	
ActPortNumber	1 (PORT_1)		GOT po	rt number		
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)	
ActSourceNetworkNumber	0 (0x00)		Not	Used		
ActSourceStationNumber	0 (0x00)		Not	Used		
ActThroughNetworkType	0 (0x00)	Refer to	the property [ActThrou	ighNetworkType] in Sec	tion 3.2.	
ActTimeOut	10000		Any value specified	I by user in ms units		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	

* 5: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

(b) When there is relayed module in addition to connected station side L series-compatible C24

1. Configuration



2. Property patterns

series	- R	Relayed	Connected Station CPU	Relayed	Relayed Station CPU							
batible	C24 n	nodule	LCPU	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
Ľ	telayt			CC IE Field * 3	4	×	4	\times	×	\times	\times	\times
elay ta	rget R	Relayed		MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times
CPU	n	nodule		MELSECNET/10	×	\times	×	\times	\times	\times	\times	\times
			1	MELSECNET(II)	×	×	\times	\times	×	\times	\times	\times
			Ethernet	×	\times	×	\times	\times	\times	\times	\times	
			Computer link	2	×	2	\times	\times	\times	\times	\times	
				CC-Link	3	3	3	\times	×	\times	\times	\times

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

*1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

*3: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Broporty	Dofault Value	Property Patterns							
Fioperty	Delault value	\bigcirc	2	3	4				
ActBaudRate	19200 (BAUDRATE_19200)		Not Used						
ActConnectUnitNumber	0 (0x00)		Not	Used					
ActCpuType	34 (CPU_Q02CPU)		CPU type correspor	iding to target station					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Fixed to 0(0x00)				
ActDestinationPortNumber	0 (0x00)	GOT port number							
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)	Fixed to 1(0x01)				
ActGotTransparentPCIf	1 (0x01)		Serial (via GC	DT): Fixed to 3					
ActGotTransparentPLCIf	1 (0x01)	C24 module (LJ71C24): Fixed to 31							
ActHostAddress	1.1.1.1	Host name or IP address of GOT							
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)				

Broporty		Property Patterns					
Property	Delault value	1	2	3	4		
ActIONumber * 4	1023 (0x3FF)	Fixed to 1023(0x3FF)	Connected station side module I/O address	Connected station side module I/O address	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)		
ActMultiDropChannelNumber * 5	0 (0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)	Fixed to 0(0x00)		
ActNetworkNumber	0 Fixed to 0(0x00) Fixed to 0(0x00) Fixed to 0(0x00)		Fixed to 0(0x00)	Target station side module network number			
ActPortNumber	1 (PORT_1)	Not Used					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Fixed to 255(0xFF)	Target station side Module Station number		
ActSourceNetworkNumber	0 (0x00)		Nc	ot Used			
ActSourceStationNumber	0 (0x00)		Nc	ot Used			
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.					
ActTimeOut	10000		Any value specifi	ed by user in ms units	3		
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number	Fixed to 0(0x00)		

*4: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*5: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module. 1: Channel 1 2: Channel 2

(15) IBM-PC/AT compatible side port: Ethernet port, Serial, GOT1000 side port: Ethernet port, CPU side port: Bus connection

(a) When connected station CPU is QCPU (Q mode) or Q12DCCPU-V

1. Configuration

2.	Property	patterns
----	----------	----------

GOT Bus	Connected Relayed station CPU module	Connected Station CPU	nnected ion CPU Relayed		Relayed Station CPU						
Ethernet		QCPU	Network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX
	Relayed network	ork (Q mode) * 1		(Q mode) * 1	CPU-V	LOFU	CPU	(A mode)	CPU	*2	CPU
	Relay target Relayed	1	CC IE Control CC IE Field	2	2*3	2 *4	×	×	\times	×	\times
	CPU module		MELSECNET/H	2	2	\times	×	×	\times	\times	\times
IBM-PC/AT compatible			MELSECNET/10	2	2	×	\times	×	\times	\times	\times
			MELSECNET(II)	×	×	×	\times	×	\times	\times	\times
			Ethernet × × × ×				×	\times	×	\times	
		Com CC-I	Computer link	3	×	3	\times	×	\times	\times	\times
			CC-Link	4	4	4	\times	×	\times	\times	\times
		Connected Station CPU	Relayed Relayed Station CPU								
		Q12DC CPU-V	Network	QCPU (Q mode) * 1	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU *2	FX CPU
			CC IE Control CC IE Field	2	② *3	2 *4	×	×	×	×	\times
			MELSECNET/H	(2)	2	×	\times	\times	\times	\times	\times
		(1)	MELSECNET/10	2	2	×	\times	×	\times	\times	\times
		U	MELSECNET(II)	×	×	×	\times	×	\times	\times	\times
			Ethernet	×	×	×	\times	×	\times	×	\times
			Computer link	×	×	×	\times	×	\times	×	\times
			CC Link				\times	×	\times	X	X

 \bigcirc : Accessible (Property pattern within circle), \times : Inaccessible

* 1: Inaccessible to Redundant CPU.

*2: Including motion controller CPU.

* 3: Inaccessible to Q12DCCPU-V relayed by CC-Link IE Field Network since CC-Link IE Field Network is not supported.

*4: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

3. Property list

Property	Default Value	Property Patterns					
Порену	Delault value	1	2 * 5	3	4		
ActBaudRate	19200 (BAUDRATE_19200)	Not Used					
ActConnectUnitNumber	0 (0x00)	Not Used					
ActCpuType	34 (CPU_Q02CPU)	CPU type corresponding to target station					
ActDestinationIONumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)		

* 5: Note the following points when making access via the Ethemet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

Dresset	Default Value	Property Patterns							
Ргорепту		1	2*5	3	4				
ActDestinationPortNumber	0 (0x00)		GOT por	t number					
ActDidPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActDisdPropertyBit	1 (0x01)	Fixed to 1(0x01)	Fixed to 1(0x01)	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActGotTransparentPCIf	1 (0x01)		Ethernet (via GOT): Fixed to 3						
ActGotTransparentPLCIf	1 (0x01)		Bus connection	on: Fixed to 90					
ActHostAddress	1.1.1.1		Host name or IP	address of GOT					
ActIntelligentPreferenceBit	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)	Target station Q mode/ Q12DCCPU-V/ LCPU : 1(0x01) Other than the above : 0(0x00)				
ActIONumber * 6	1023 (0x3FF)	For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Target station side For single CPU Fixed to 1023(0x3FF) For multiple CPUs Connected CPU: 1023(0x3FF) No. 1: 992(0x3E0) No. 2: 993(0x3E1) No. 3: 994(0x3E2) No. 4: 995(0x3E3)	Connected station side relayed module I/O address	Connected station side relayed module I/O address				
ActMultiDropChannelNumber * 7	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Multidrop channel number	Fixed to 0(0x00)				
ActNetworkNumber	0 (0x00)	Fixed to 0(0x00)	Target station side module network number	Fixed to 0(0x00)	Fixed to 0(0x00)				
ActPortNumber	1 (PORT_1)		Not	Used					
ActStationNumber	255 (0xFF)	Fixed to 255(0xFF)	Target station side module station number	Fixed to 255(0xFF)	Fixed to 255(0xFF)				
ActSourceNetworkNumber	0 (0x00)	0 Not Used							
ActSourceStationNumber	0 (0x00)	Not Used							
ActThroughNetworkType	0 (0x00)	Refer to the property [ActThroughNetworkType] in Section 3.2.			tion 3.2.				
ActTimeOut * 8	10000	Any value specified by user in ms units							
ActUnitNumber	0 (0x00)	Fixed to 0(0x00)	Fixed to 0(0x00)	Target station side module station number	Target station side module station number				

* 5: Note the following points when making access via the Ethernet module (QE71).

• For ActNetworkNumber and ActStationNumber, specify the value set in the parameter setting of the target station side QE71.

• Set the "Station No.↔ IP information" in the parameter setting of the QE71. Also, when making setting, specify other than the automatic response system (any of the IP address calculation system, table conversion system and combined system) as the "Station No.↔ IP information system".

*6: As the I/O address, specify the value found by dividing the actual first I/O number by 16.

*7: Specify the following as the channel No. to be multidrop-linked.

0: Use default channel of module.

1: Channel 1

2: Channel 2

*8: Note that when 0 to 5000[ms] is specified, gaining 5000ms and greater than 255000ms is specified, gaining 255000ms.

4 FUNCTIONS

This chapter provides the programming instructions and function details (dispatch interface*1, custom interface*2).

*1 : The dispatch interface is a method in which the ActiveX controls are pasted onto Visual Basic[®], Visual C++[®] or VBA (Excel, Access) to use the ActiveX controls. You need not program interface acquirement and object generation. (You can also create a program that will create an object without pasting the ActiveX control to a form.)
The dispatch interface is easier in programming than the customer interface.

For MX Component, it is recommended to use the dispatch interface to create user applications.

*2 : The custom interface gets the interface using the interface getting function when using the ActiveX controls.
It also uses the object generation function when generating objects.
Though the custom interface is more complicated in program than the dispatch

interface, it can perform fine control of object generation/elimination.

For programming, refer to "Section 4.1 Programming Instructions".

4.1 Programming Instructions

This section gives the instructions for programming.

(1) Instructions for multithread programming

When performing multithread programming, follow the rules of COM and ActiveX controls.

For details, refer to the rules and reference books of COM and ActiveX controls.

POINT

(1) The ActiveX controls used on MX Component are those of the STA model.

- (2) When passed to another apartment, the interface pointer must be marshaled. Provide synchronization using the CoMarshalInterThreadInterfaceInStream or CoGetInterfaceAndReleaseStream COM function.
- (2) Instructions for use of Visual Basic[®] 6.0 Only the dispatch interface is usable.

(3) Instructions for use of Visual C++
 [®] 6.0 (dispatch interface, custom interface)

(a) Both the dispatch interface and custom interface are usable.

(b) BSTR* type

In the functions which acquire the methods and properties using the BSTR pointer type, memory must be secured inside the ActiveX controls and released in user programs. (This is based on the rules of COM and ActiveX controls.) (Example) BSTR szCpuName; LONG ICpuCode; Obj.GetCpuType(&szCpuName, &ICpuCode);

MessgBox("CpuName = %s, CpuCode = %d", szCpuName, ICpuCode); SysFreeString(szCpuName);

(4) Instructions for use of Visual C++® 6.0 (custom interface)

```
(a) HRESULT type
```

Use the SUCCEEDED or FAILED macro to check whether the HRESULT type, i.e. returned value of COM, resulted in normal or abnormal termination. (Example) HRESULT hResult; LONG IRet; hResult = Obj.Open(&IRet); if(SUCCEEDE(hResult)) { if(SUCCEEDE(hResult)) { if(IRet = SUCCESS) { } else { MessgeBox("Communication Error = %x", IRet); }

} else {

```
MessgeBox( "COM ERROR Occurd" );
```

}

(5) About Open (opening the communication line)

Since the Open function performs processing, e.g. establishes a communication path or gets the programmable controller internal information, the processing time may become long. An efficient program must be created to enhance the speed performance of the user application.

The following flowcharts provide procedures for creating efficient and inefficient user applications.



(6) Precautions for use of QSCPU

The following functions cannot be used for the QSCPU.

The error code "0x010a42a0" (The CPU access password is mismatched.) may be returned if they are used.

Function Name	Function
WriteDeviceBlock	Device batch-write
WriteDeviceRandom	Device random-write
SetDevice	Device data setting
WriteBuffer	Buffer memory write
SetClockData	Clock data write
SetCpuStatus	Remote control
WriteDeviceBlock2	Device batch-write
WriteDeviceRandom2	Device random-write
SetDevice2	Device data setting

(7) Differences between LONG type functions and SHORT type/INT type functions

As functions for performing "device batch-read", "device batch-write", "device random-read", "device random-write", "device data setting" and "device data acquisition", MX Component has two different functions: LONG type functions and SHORT type/INT type functions.

The following describes the differences between the LONG type functions and SHORT type/INT type functions.

(a) LONG type functions (Reference sections: Section 4.2.3 to Section 4.2.8) When writing/reading a negative device value, by using the LONG type function the data must be converted into the SHORT type/INT type data within the user application.

Write/read negative device values using the SHORT type/INT type functions indicated in (b).

Target functions : ReadDeviceBlock, WriteDeviceBlock, ReadDeviceRandom, WriteDeviceRandom, SetDevice, GetDevice





(b) SHORT type/INT type functions (Reference sections: Section 4.2.18 to Section 4.2.23)

When reading/writing a negative device value by using the SHORT type/INT type function, it is not required to convert the device value in advance. When handling a double word device or like, use any of the LONG type functions indicated in (a).

Target functions : ReadDeviceBlock2, WriteDeviceBlock2,

ReadDeviceRandom2, WriteDeviceRandom2, SetDevice2, GetDevice2

<Example> When using ReadDeviceBlock2 to read device data of negative value IpsData = -1 (0xFFFF) Stored as SHORT type/INT type (2-byte) data within user application. D0 data is read using ReadDeviceBlock2.

4.2 Details of the Functions (Dispatch Interface)

This section explains the details of the functions. The details of the functions in this section assume that the dispatch interface is used. For the custom interface, refer to "Section 4.3 Details of the Functions (Custom Interface)".

4.2.1 Open (Communication line opening)

Applicable ACT controls This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.

(2) Feature

Opens the communication line.

(3) Format

Visual Basic [®] 6.0, Visual C++ [®] 6.0,							
Visual C+	Visual C++® .NET(MFC), VBA : lRet = object.Open()						
	Long	lRet	Returned value	Output			
VBScript	VBScript : varRet = object.Open()						
	VARIANT	varRet	Returned value (LONG type)	Output			
Visual Ba	sic® .NET : IR	et = object.O	pen()				
	Integer	IRet	Returned value	Output			
Visual C++ [®] .NET : iRet = object.Open()							
	int	iRet	Returned value	Output			

(4) Explanation

The line is connected on the basis of the value set to the property for Open function.

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : A value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

POINT

- (1) When modem communication is used, Open cannot be executed after execution of Connect.
- (2) If the property for Open function is changed after completion of Open, the other end of communication is not changed.
 - To change the communication settings, close the communication line once, then set the other end of communication, and open the communication line again.
- (3) When any ACT control other than the ActEasyIF or ActMLEasyIF control is used at the time of Open, Open may terminate normally if the CPU type entered into the ActCpuType property differs from the CPU to communicate with. In such a case, the connection range, usable method and device range may be narrowed, for example.
 When executing Open set the correct CPU type to the ActCpuType property.

When executing Open, set the correct CPU type to the ActCpuType property.

4.2.2 Close (Communication line closing)

(1)	Applicable ACT controls
	This function is available for all ACT controls but the ActSupoort and
	ActMLSupport controls.

- (2) Feature Closes the communication line.
- (3) Format Visual Basic[®] 6.0, Visual C++[®] 6.0, Visual C++[®] .NET(MFC), VBA : IRet = object.Close () IRet Returned value Output Long VBScript : varRet = object.Close() VARIANT varRet Returned value (LONG type) Output Visual Basic[®] .NET : IRet = object.Close() Integer IRet Returned value Output Visual C++® .NET : iRet = object.Close() int iRet Returned value Output
- (4) Explanation

The line connected using the Open function is closed.

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : A value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

4.2.3 ReadDeviceBlock (Device batch-read)

Applicable ACT controls This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.

(2) Feature

Batch-reads data from devices.

(3) Format

Visual Basic® 6.0, VBA : IRet = object.ReadDeviceBlock(szDevice, ISize,

IData(0))

			. ,,	
Long	lRet	Returned value		Output
String	szDevice	Device name		Input
Long	lSize	Number of read points		Input
Long	lData(n)	Read device values		Output

Visual C++ $^{\ensuremath{\circledast}}$ 6.0, Visual C++ $^{\ensuremath{\circledast}}$.NET(MFC) : IRet = object.ReadDeviceBlock

			(szDevice, ISiz	ze, *lplData)
	Long	lRet	Returned value	Output
	CString	szDevice	Device name	Input
	Long	ISize	Number of read points	Input
	Long	*lplData	Read device values	Output
VBScri	pt : varRet =	object.Read	DeviceBlock(varDevice, varSize,	lpvarData)
		verDet.	Deturned value (LONC turne)	Q. 14m. 14

VARIANI	varRet	Returned value (LONG type)	Output
VARIANT	varDevice	Device name(character string type)	Input
VARIANT	varSize	Number of read points(LONG type)	Input
VARIANT	lpvarData	Read device values(LONG array type)	Output

Visual Basic [®] .N	IET : IRet = o	bject.ReadDeviceBlock(szt	Device, iSize, iData(0))
Integer	IRet	Returned value	Output

String	szDevice	Device name	Input
Integer	iSize	Number of read points	Input
Integer	iData(n)	Read device values	Output

Visual C+	+® .NET : i	Ret = object.F	ReadDeviceBlock(*szDevice, iSize	, *iplData)
i	nt	iRet	Returned value	Output
5	String	*szDevice	Device name	Input
i	nt	iSize	Number of read points	Input
i	nt	*iplData	Read device values	Output

(4) Explanation

- (a) The device values for ISize(varSize) are batch-read from the devices, beginning with the device specified in szDevice(varDevice).
- (b) The read device values are stored in IData (IpIData or IpvarData).
- (c) Reserve an array of ISize (varSize) or more for IData (IpIData or IpvarData).

(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

(Example) Data are read from 3 points

(3 words) on a 16 point basis,

starting from M0.

2 Upper Bytes	2 Lower Bytes	
*1	M0 to M15*2	
*1	M16 to M31*2	
*1	M32 to M47 *2	

<When word device is specified> (Example) 3 points from D0

2 Upper Bytes	2 Lower Bytes
*1	D0
*1	D1
*1	D2

<When CN200 and later of FXCPU are specified>
 (Example) 6 points from CN200 *3:

2 Upper Bytes	2 Lower Bytes
*1	L of CN200
*1	H of CN200
*1	L of CN201
*1	H of CN201
*1	L of CN202
*1	H of CN202

<When FD device is specified (4-word device)> (Example) 6 points from FD0

2 Upper Bytes	2 Lower Bytes
*1	LL of FD0
*1	LH of FD0
*1	HL of FD0
*1	HH of FD0
*1	LL of FD1
*1	LH of FD1

<8-bit devices assigned to gateway devices>

(Example) When 8-bit devices (E0000 to E0007 of SHARP programmable controller) have been assigned to 4 points, starting from EG0 (EG0 - EG3).

2 Upper Bytes	2 Lower Bytes	
*1	EG0	
~ T	(E0001)	(E0000)
sk 1	EC	G1
本 1	(E0003)	(E0002)
V-1	EG2	
小	(E0005)	(E0004)
¥ 1	EG3	
「 「	(E0007)	(E0006)

*1: Not used. (0 is stored.)

*2: Lower bits are stored in device number order.

*3: For CN200 or later of FXCPU, 2 words are read from 2 points. Read from 1 point will result in an error.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of read points that may be specified in ISize(varSize) should satisfy the following range.
 - Read starting device number + number of read points \leq last device number
- (2) When the bit device is specified, a multiple of 16 may be specified as the device number.
- (3) For IData (IpIData or IpvarData), prepare a memory area having the number of points specified in ISize (varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

4.2.4 WriteDeviceBlock (Device batch-write)

Applicable ACT controls This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.

(2) Feature

Batch-writes data to devices.

(3) Format

Visual Basic[®] 6.0, VBA : IRet = object.WriteDeviceBlock(szDevice, ISize,

IData(0))

Long	IRet	Returned value	Output
String	szDevice	Device name	Input
Long	ISize	Number of write points	Input
Long	IData(n)	Device values to be written	Input

Visual C++® 6.0, Visual C++® .NET(MFC) : IRet = object.WriteDeviceBlock

		(szDevice, ISi	ize, *IplData)
Long	lRet	Returned value	Output
CString	szDevice	Device name	Input
Long	ISize	Number of write points	Input
Long	*lplData	Device values to be written	Input

VBScript : varRet :	= object.Write[DeviceBlock(varDevice, varSize, va	rData)
VARIANT	varRet	Returned value(LONG type)	Output
VARIANT	varDevice	Device name(character string type)	Input
VARIANT	varSize	Number of write points(LONG type)	Input

VARIANT	varData	Device values to be written (LONG array type)	Input

Visual Basic [®] .N	ET : IRet =	 object.WriteDeviceBlock(szDe 	evice, iSize, iData(0))
Integer	IRet	Returned value	Output

String	szDevice	Device name	Input
Integer	iSize	Number of write points	Input
Integer	iData(n)	Device values to be written	Input

Visual C++® .NE	T : iRet = objec	t.WriteDeviceBlock(*szDevice,	iSize, *iplData)
int	iRet	Returned value	Output
String	*szDevice	Device name	Input
int	iSize	Number of write points	Input
int	*iplData	Device values to be written	Input

(4) Explanation

- (a) The device values for ISize(varSize) are batch-written to the devices, beginning with the device specified in szDevice(varDevice).
- (b) Store the device values to be written in IData (IpIData or varData).
- (c) Reserve an array of ISize (varSize) or more for IData (IpIData or varData).
(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

(Example) Data are written to 3 points (3 words)

on a to point basis, starting north No.			
2 Upper Bytes	2 Lower Bytes		
*1	M0 to M15*2		
*1	M16 to M31 * 2		
*1	M32 to M47 * 2		

<When word device is specified> (Example) 3 points from D0

2 Upper Bytes	2 Lower Bytes
*1	D0
*1	D1
*1	D2

<When CN200 and later of FXCPU are specified> (Example) 6 points from CN200 *3:

2 Upper Bytes	2 Lower Bytes	
*1	L of CN200	
*1	H of CN200	
*1	L of CN201	
*1	H of CN201	
*1	L of CN202	
*1	H of CN202	

<When FD device is specified (4-word device)> (Example) 6 points from FD0

2 Upper Bytes	2 Lower Bytes
*1	LL of FD0
*1	LH of FD0
*1	HL of FD0
*1	HH of FD0
*1	LL of FD1
*1	LH of FD1

<8-bit devices assigned to gateway devices>

(Example) When 8-bit devices (E0000 to E0007 of SHARP programmable controller) have been assigned to 4 points, starting from EG0 (EG0 - EG3).

0		0
2 Upper Bytes	2 Lower Bytes	
*1	EG0	
	(E0001)	(E0000)
*1	EG1	
	(E0003)	(E0002)
*1	EG2	
*	(E0005)	(E0004)
*1	E	G3
	(E0007)	(E0006)

*1: Not used. (0 is stored.)

*2: Lower bits are stored in device number order.

*3: For CN200 or later of FXCPU, 2 words are written from 2 points. Write from 1 point will result in an error.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of write points that may be specified in ISize(varSize) should satisfy the following range.
 - Write starting device number + number of write points \leq last device number
- (2) When the bit device is specified, a multiple of 16 may be specified as the device number.
- (3) For IData (IpIData or varData), prepare a memory area having the number of points specified in ISize (varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

4.2.5 ReadDeviceRandom (Device random-read)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature Reads data randomly from devices.
- (3) Format

(-)	Visual Basic [®] 6.0, VBA : IRet = object.ReadDeviceRandom(szDeviceList, ISize IData(0))			eList, ISize,)		
		Long String Long Long	IRet szDeviceList ISize IData(n)	Returned value Device name Number of read point Read device values	s	Output Input Input Output
	Visual (C++ [®] 6.0, V	isual C++® .NE	T(MFC) : IRet = obj (sz	ect.ReadDevice DeviceList. ISiz	Random (e. *lplData)
		Long CString Long Long	lRet szDeviceList ISize ∦lplData	Returned value Device name Number of read point Read device values	s	Output Input Output Output
	VBScri	pt : varRet =	= object.ReadD	eviceRandom(varDo lpva	eviceList, varSi rData)	ze,
		VARIANT VARIANT VARIANT VARIANT	varRet varDeviceList varSize IpvarData	Returned value(LONG Device name(charact Number of read point Read device values (LONG array type)	G type) er string type) s(LONG type)	Output Input Input Output
	Visual Basic [®] .NET : IRet = object.ReadDeviceRandom(szDeviceList, iS iData(0))			t, iSize,		
		Integer String Integer Integer	IRet szDeviceList iSize iData(n)	Returned value Device name Number of read point Read device values	S	Output Input Input Output
	Visual (C++® .NET	: iRet = object.	ReadDeviceRandom	n(*szDeviceLis *iplData)	it, iSize,
		int String int int	iRet ∦szDeviceList iSize ∦iplData	Returned value Device name Number of read point Read device values	s	Output Input Input Output
(4)	Explai (a) The	nation device valu	ues for ISize(va	rSize) are read from	the device gro	up specified

- in szDeviceList(varDeviceList).
- (b) The read device values are stored in IData (IpIData or IpvarData).
- (c) Using the line feed symbol, separate the devices in the character string specified in the device list.

The last device need not be followed by the line feed symbol.

- (Example) Visual Basic[®] , VBA, VBScript : "D0" & vbLf & "D1" & vbLf & "D2" Visual C++[®] : D0\nD1\nD2
- (d) Reserve an array of ISize (varSize) or more for IData (lpIData or lpvarData).

(5) Device specifying methods

Specify the devices in the following methods.

(Example 1) When devices are specified as follows (3 points)

When using Visual Basic[®], VBA, VBScript : M0 & vbLf & D0 & vbLf & K8M0 When using Visual C++®

: M0\nD0\nK8M0

: D0\nCN200\nD1

2 Upper Bytes	2 Lower Bytes
*1	MO
*1	D0
M16 to M31*2	M0 to M15*2

(Example 2) When devices including CN200 and later of FXCPU are specified (3 points in all) *3 ot : D0 & vbLf & CN200 & vbLf & D1

When using	Visual Basi	c®, VBA,	VBScrip
When using	Visual C++®	3)	

2 Upper Bytes	2 Lower Bytes	
*1	D0	
H of CN200	L of CN200	
*1	D1	

(Example 3) When devices including FD are specified (3 points in all) When using Visual Basic[®], VBA, VBScript : D0 & vbLf & FD0 & vbLf & D1 When using Visual C++® : D0\nFD0\nD1

2 Upper Bytes	2 Lower Bytes
*1	D0
*1	LL of FD0
*1	D1

(Example 4) When 8-bit devices including EG have been specified (a total of 3 points)

> The following example assumes that 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0.

When using Visual Basic[®] , VBA, VBScript : D0 & vbLf & EG0 & vbLf & D1 When using Visual C++®

: D0\nEG0\nD1

2 Upper Bytes	2 Lower Bytes	
*1	D0	
*1	EG0	
	(E0001)	(E0000)
*1	D1	

*1: Not used. (0 is stored.)

*2: Lower bits are stored in device number order.

*3: For CN200 or later of FXCPU, 2 words are read from 1 point by random read.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of read points that may be specified in ISize(varSize) is up to 0x7FFFFFF points.
- (2) For IData(IpIData or IpvarData), prepare a memory area having the number of points specified in ISize(varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

4.2.6 WriteDeviceRandom (Device random-write)

(1) Applicable ACT controls

This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.

(2) Feature

Writes data randomly to devices.

(3) Format

Visual Basic® 6.0, VBA : IRet = object.WriteDeviceRandom(szDeviceList, ISize,

		ID	ata(0))
Long	IRet	Returned value	Output
String	szDeviceList	Device name	Input
Long	ISize	Number of write points	Input
Long	IData(n)	Device values to be written	Input
Visual C++ [®] 6.0, Visual C++ [®] .NET(MFC) : IRet = object.WriteDeviceRandom			

			(szDeviceList, ISiz	e, *lplData)
Lo	ng	lRet	Returned value	Output
CS	String	szDeviceList	Device name	Input
Lo	ng	ISize	Number of write points	Input
Loi	ng	⊁lplData	Device values to be written	Input
VBScript :	varRet =	object.WriteDe	eviceRandom(varDeviceList, varSiz	ze, varData)
VA	RIANT	varRet	Returned value (LONG type)	Output

VARIANT	varRet	Returned value (LONG type)	Output
VARIANT	varDeviceList	Device name (character string type)	Input
VARIANT	varSize	Number of write points (LONG type)	Input
VARIANT	varData	Device values to be written	Input
		(LONG array type)	

Visual Basic[®] .NET : IRet = object.WriteDeviceRandom(szDeviceList, iSize, iData(0))

Integer	IRet	Returned value	Output
String	szDeviceList	Device name	Input
Integer	iSize	Number of write points	Input
Integer	iData(n)	Device values to be written	Input

Visual C++® .NET : iRet = object.WriteDeviceRandom(*szDeviceList, iSize,

			*ipiDala)	
int	iRet	Returned value		Output
String	*szDeviceList	Device name		Input
int	iSize	Number of write points		Input
int	*iplData	Device values to be writ	ten	Input

(4) Explanation

- (a) The device values for ISize (varSize) are written to the devices specified in szDeviceList (varDeviceList).
- (b) The read device values are stored in IData (IpIData or varData).
- (c) Using the line feed symbol, separate the devices in the character string specified in the device list.

The last device need not be followed by the line feed symbol.

(Example)

- (d) Reserve an array of ISize (varSize) or more for IData (lpIData or varData).

(5) Device specifying methods

Specify the devices in the following methods.

(Example 1) When devices are specified as follows (3 points)

When using Visual Basic[®], VBA, VBScript : M0 & vbLf & D0 & vbLf & K8M0 When using Visual C++® : M0\nD0\nK8M0

2 Upper Bytes	2 Lower Bytes
*1	MO
*1	D0
M16 to M31*2	M0 to M15*2

(Example 2) When devices including CN200 and later of FXCPU are specified (3 points in all) *3

When using Visual Basic[®], VBA, VBScript : D0 & vbLf & CN200 & vbLf & D1 When using Visual C++®

2 Upper Bytes	2 Lower Bytes
*1	D0
H of CN200	L of CN200
*1	D1

(Example 3) When devices including FD are specified (3 points in all) When using Visual Basic[®], VBA, VBScript : D0 & vbLf & FD0 & vbLf & D1 When using Visual C++® : D0\nFD0\nD1

_	
2 Upper Bytes	2 Lower Bytes
*1	D0
*1	LL of FD0
*1	D1

(Example 4) When 8-bit devices including EG have been specified (a total of 3 points)

> The following example assumes that 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0.

: D0\nCN200\nD1

When using Visual Basic[®], VBA, VBScript : D0 & vbLf & EG0 & vbLf & D1 When using Visual C++® : D0\nEG0\nD1

2 Upper Bytes	2 Lower Bytes
*1	D0
* 1	EG0
小	(E0001) (E0000)
*1	D1

*1: Not used. (0 is stored.)

*2: Lower bits are stored in device number order.

*3: For CN200 or later of FXCPU, 2 words are written from 1 point by random read.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of write points that may be specified in ISize(varSize) is up to 0x7FFFFFF points.
- (2) For IData(IpIData or varData), prepare a memory area having the number of points specified in ISize(varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

4.2.7 SetDevice (Device data setting)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Sets one point of device.

(3) Format

Visual Basic® 6.0, VBA : IRet = object.SetDevice(Device, IData) Long IRet Returned value Output String szDevice Device name Input Long IData Set data Input

Visual C++[®] 6.0, Visual C++[®] .NET(MFC) : IRet = object.SetDevice(szDevice,

				IData)
	Long	lRet	Returned value	Output
	CString	szDevice	Device name	Input
	Long	IData	Set data	Input
VBScri	pt : varRet =	= object.SetDe	<i>v</i> ice(varDevice, lpvarData)	
	VARIANT	varRet	Returned value (LONG type)	Output
	VARIANT	varDevice	Device name	lanut
			(character string type)	input
	VARIANT	varData	Set data (LONG type)	Input
Visual	Basic [®] .NET	: IRet = objec	t.SetDevice(szDevice, iData)	
	Integer	IRet	Returned value	Output
	String	szDevice	Device name	Input
	Integer	iData	Set Data	Input
Visual	C++® .NET	: iRet = object.	SetDevice(*szDevice, iData)	
	int	iRet	Returned value	Output
	String	*szDevice	Device name	Input
	int	iData	Set Data	Input

(4) Explanation

- (a) The operation specified in IData(varData) is performed for one point of device specified in szDevice(varDevice).
- (b) When the bit device is specified, the least significant bit of the IData value (varData value) becomes valid.

(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

(Example) M0

2 Upper Bytes	2 Lower Bytes	Ĩ	
*1	M0		

When word device is specified> (Example) D0

2 Upper Bytes	2 Lower Bytes
*1	D0

<When double-word device is specified> (Example) K8M0

2 Upper Bytes	2 Lower Bytes
M16 to M31*2	M0 to M15*2

<When CN200 or later of FXCPU is specified> (Example) CN200

2 Lower Bytes
L of CN200

<When gateway device is specified>

(Example) When 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0

2 Upper Bytes	2 Lower Bytes		
*1	EG0		
	(E0001)	(E0000)	

*1: Not used. (0 is stored.)

*2: Lower bits are stored in device number order.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

4.2.8 GetDevice (Device data acquisition)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Acquires data from one point of device.

(3) Format

Visual Basic[®] 6.0, VBA : IRet = object.GetDevice(szDevice, IData)

Long	inter		Output
String	szDevice	Device name	Input
Long	IData	Acquired data	Output

Visual C++® 6.0, Visual C++® .NET(MFC) : IRet = object.GetDevice(szDevice,

				*lplData)
	Long	IRet	Returned value	Output
	CString	szDevice	Device name	Input
	Long	*lplData	Acquired data	Output
VBScri	pt : varRet =	= object.GetDe	vice(varDevice, lpvarData)	
	VARIANT	varRet	Returned value (LONG type)	Output
	VARIANT	varDevice	Device name	loout
			(character string type)	input
	VARIANT	IpvarData	Acquired data (LONG type)	Output
Visual	Basic® .NE1	Г : IRet = objec	t.GetDevice(szDevice, iData)	
	Integer	IRet	Returned value	Output
	String	szDevice	Device name	Input
	Integer	iData	Acquired data	Output
Visual	C++® .NET	: iRet = object.	GetDevice(*szDevice, *iplData)	
	int	iRet	Returned value	Output
	String	*szDevice	Device name	Input
	int	*iplData	Acquired data	Output

(4) Explanation

(a) The data of one point of device specified in szDevice(varDevice) is stored into IData(lplData or lpvarData).

(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

(Example) M0

2 Upper Bytes	2 Lower Bytes	
*1	M0	

When word device is specified> (Example) D0

2 Upper Bytes	2 Lower Bytes
*1	D0

<When double-word device is specified> (Example) K8M0

2 Upper Bytes	2 Lower Bytes
M16 to M31*2	M0 to M15*2

<When CN200 or later of FXCPU is specified> (Example) CN200

2 Lower Bytes
L of CN200

<When gateway device is specified>

(Example) When 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0

2 Upper Bytes	2 Lower Bytes	
*1	EG0	
	(E0001)	(E0000)

*1: Not used. (0 is stored.)

*2: Lower bits are stored in device number order.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

4.2.9 ReadBuffer (Buffer memory read)

The applicable ACT controls are indicated below.

Control Name	Usability	Control Name	Usability
ActEasyIF, ActMLEasyIF	O *1	ActAJ71C24, ActMLAJ71C24	×
ActQJ71E71TCP, ActMLQJ71E71TCP	0	ActFX485BD, ActMLFX485BD	×
ActQJ71E71UDP, ActMLQJ71E71UDP	0	ActFXCPUUSB, ActMLFXCPUUSB	0
ActLCPUTCP, ActMLLCPUTCP	0	ActQCPUQUSB, ActMLQCPUQUSB	0
ActLCPUUDP, ActMLLCPUUDP	0	ActLCPUUSB, ActMLLCPUUSB	0
ActAJ71QE71TCP, ActMLAJ71QE71TCP	×	ActCCG4Q, ActMLCCG4Q	0
ActAJ71QE71UDP, ActMLAJ71QE71UDP	○*2, *3	ActCCG4QnA, ActMLCCG4QnA	0
ActAJ71E71TCP, ActMLAJ71E71TCP	O *2	ActCCG4A, ActMLCCG4A	0
ActAJ71E71UDP, ActMLAJ71E71UDP	O *2	ActMnet10BD, ActMLMnet10BD	○*5
ActQNUDECPUTCP, ActMLQNUDECPUTCP	0	ActMnetHBD, ActMLMnetHBD	○*5
ActQNUDECPUUDP, ActMLQNUDECPUUDP	0	ActMnetGBD, ActMLMnetGBD	○*5
ActCCIEFADPTCP, ActMLCCIEFADPTCP	0	ActCCIEFBD, ActMLCCIEFBD	0
ActCCIEFADPUDP, ActMLCCIEFADPUDP	0	ActCCBD, ActMLCCBD	○*5
ActQCPUQ, ActMLQCPUQ	0	ActAnUBD, ActMLAnUBD	⊖*6
ActLCPU, ActMLLCPU	0	ActLLT, ActMLLLT	○*7
ActQCPUA, ActMLQCPUA	0	ActSIM, ActMLSIM	0
ActQnACPU, ActMLQnACPU	0	ActQCPUQBus, ActMLQCPUQBus	0
ActACPU, ActMLACPU	0	ActA6TEL, ActQ6TEL, ActFXCPUTEL,	
ActFXCPU, ActMLFXCPU	○*4	ActQ71C24TEL, ActLJ71C24TEL,	0
ActQJ71C24, ActMLQJ71C24	0	ActAJ71QC24TEL	
ActLJ71C24, ActMLLJ71C24	0	ActGOT, ActMLGOT	×
ActAJ71QC24, ActMLAJ71QC24	0	ActGOTTRSP, ActMLGOTTRSP	0
ActAJ71UC24, ActMLAJ71UC24	×	ActSupport, ActMLSupport	×

 \bigcirc : Usable \times : Unusable

- *1: Depending on the communication path (Ethernet communication, MELSECNET/10 communication, etc.), there will be restrictions as placed on the corresponding communication path controls.
- *2: An error is returned if access to the AnUCPU, QCPU (A mode), A173UHCPU(-S1) or A273UH-S3) is made.
- *3: An error is returned if access to the QnACPU is made.
- *4: An error is returned if the CPU is other than FX2N, FX2NC, FX3U and FX3UC.
- *5: An error is returned if own board access is made.
- *6: An error is returned if access to the QnACPU is made via the MELSECNET/10 or MELSECNET(II).
- *7: An error is returned if the CPU is other than FX0N, FXU, FX2C, FX2N and FX2NC.

(2) Feature

Reads the buffer memory values of the special function module.

(3) Format

Visual Basic® 6.0, VBA : IRet =	= object.ReadBuffer(IStartIO,	IAddress, I	ReadSize,
	iData(0))	

			IData(0))	
	Long	IRet	Returned value	Output
	Long	IStartIO	First I/O number of module from	Input
			where values will be read	
	Long	IAddress	Buffer memory address	Input
	Long	IReadSize	Read size	Input
	Integer	iData(n)	Values read from buffer memory	Output
Visual	C++® 6.0, V	ïsual C++® .NE	ET(MFC) :IRet = object.ReadBuffer	
			(IStartIO, IAddress	s, IReadSize
			*lpsData)	
	Long	IRet	Returned value	Output
	Long	IStartIO	First I/O number of module from	Input
			where values will be read	
	Long	IAddress	Buffer memory address	Input
	Long	IReadSize	Read size	Input
	Short	*lpsData	Values read from buffer memory	Output
VBScr	ipt :varRet =	object.ReadB	uffer(varStartIO, varAddress, varRe	adSize,
			IpvarData)	
	VARIANT	varRet	Returned value(LONG type)	Output
	VARIANT	varStartIO	First I/O number of module from where values will be read (LONG type)	Input
	VARIANT	varAddress	Buffer memory address(LONG type)	Input
	VARIANT	varReadSize	Read size(LONG type)	Input
	VARIANT	IpvarData	Values read from buffer memory (SHORT array type)	Output
Vieual		C · IRot - obiog	t DoodBuffor/iStartIO_iAddroco_iD/	oodSi z o
visuai	Dasic .INE		iData(0))	5au3126,
	Integer	IRet	Returned value	Output
	Integer	iStartIO	First I/O number of module form	Input
	Integer	iAddress	Buffer memory address	Input
	Integer	iReadSize	Read size	Input
	short	iData(n)	Values read from buffer memory	Output
Visual	C++® .NET	: iRet = object.	ReadBuffer(iStartIO, iAddress, iRea *ipsData)	adSize,
	int	iRet	Returned value	Output
	int	iStartIO	First I/O number of module form	Input
	int	iAddress	Buffer memory address	Input
	int	iReadSize	Read size	Input
	short	*ipsData	Values read from buffer memory	Output

- (4) Explanation
 - (a) As the module I/O number specified in IStartIO(varStartIO), specify a value found by dividing the actual I/O number by 16.
 - (b) The buffer values for IReadSize(varReadSize) at the buffer memory address specified in IAddress(varAddress) in the special function module located at the first I/O number specified in IStartIO(varStartIO) are read.
 - (c) When using the Act(ML)FXCPU control or Act(ML)LLT control, specify the block number (0 to 7) of the special expansion equipment as the module's first I/O number and any of 0 to 32767 as the buffer memory address.
 - (d) Reserve an array of IReadSize (varReadSize) or more for iData (lplData or lpvarData).

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

(6) Instructions for read/write of data from/to buffer memory in multiple programmable controller system configuration

The following phenomena will occur when the function is executed if the actually configured multiple programmable controller system differs from the I/O assignment set using GX Developer.

Execute the function after checking the I/O assignment on GX Developer and checking the I/O numbers of the module from/to where the value will be read/written.

- (a) An error occurs if the function is executed after the correct I/O numbers have been specified.
- (b) When the specific I/O numbers (I/O numbers whose I/O assignment is actually wrong) are specified, read from buffer memory can be performed properly, but write to buffer memory results in an error (error code: 0x010A4030, 0x010A4042, etc.).
- (c) Though a programmable controller CPU error (parameter error, SP. UNIT LAY ERR, etc.) does not occur in the multiple programmable controller system, execution of the function results in an error in the user application.

POINT

- (1) An error is returned if access to the motion controller CPU is made.
- (2) For iData (lpsData or lpvarData), prepare a memory area having the number of points specified in IReadSize(varReadSize).If there is no memory area, a critical phenomenon such as an application error may occur.
- (3) When buffer memory read (ReadBuffer) is performed for the QCPU (Q mode), read operation may be performed for only the Q series-dedicated module. Read from the shared memory of the QCPU (Q mode) cannot be performed, either.

4.2.10 WriteBuffer (Buffer memory write)

(1) A	Applicable	ACT	controls
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The applicable ACT controls are indicated below.

Control Name	Usability	Control Name	Usability
ActEasyIF, ActMLEasyIF	○*1, *2	ActFX485BD, ActMLFX485BD	×
ActQJ71E71TCP, ActMLQJ71E71TCP	○*2	ActFXCPUUSB, ActMLFXCPUUSB	0
ActQJ71E71UDP, ActMLQJ71E71UDP	O *2	ActQCPUQUSB, ActMLQCPUQUSB	⊖*2
ActLCPUTCP, ActMLLCPUTCP	0	ActLCPUUSB, ActMLLCPUUSB	0
ActLCPUUDP, ActMLLCPUUDP	0	ActCCG4Q, ActMLCCG4Q	○*2
ActAJ71QE71TCP, ActMLAJ71QE71TCP	×	ActCCG4QnA, ActMLCCG4QnA	0
ActAJ71QE71UDP, ActMLAJ71QE71UDP	○*3, *4	ActCCG4A, ActMLCCG4A	0
ActAJ71E71TCP, ActMLAJ71E71TCP	O *3	ActMnet10BD, ActMLMnet10BD	○*2, *6
ActAJ71E71UDP, ActMLAJ71E71UDP	O *3	ActMnetHBD, ActMLMnetHBD	○*2, *6
ActQNUDECPUTCP, ActMLQNUDECPUTCP	O *2	ActMnetGBD, ActMLMnetGBD	○*2, *6
ActQNUDECPUUDP, ActMLQNUDECPUUDP	O *2	ActCCIEFBD, ActMLCCIEFBD	0
ActCCIEFADPTCP, ActMLCCIEFADPTCP	0	ActCCBD, ActMLCCBD	⊖*6
ActCCIEFADPUDP, ActMLCCIEFADPUDP	0	ActAnUBD, ActMLAnUBD	○*7
ActQCPUQ, ActMLQCPUQ	O*2	ActLLT, ActMLLLT	○*8
ActLCPU, ActMLLCPU	0	ActSIM, ActMLSIM	0
ActQCPUA, ActMLQCPUA	0	ActA6TEL, ActQ6TEL, ActFXCPUTEL,	
ActQnACPU, ActMLQnACPU	0	ActQ71C24TEL, ActLJ71C24TEL,	0
ActACPU, ActMLACPU	0	ActAJ71QC24TEL	
ActFXCPU, ActMLFXCPU	○*5	ActGOT, ActMLGOT	×
ActQJ71C24, ActMLQJ71C24	O*2	ActGOTTRSP, ActMLGOTTRSP	0
ActLJ71C24, ActMLLJ71C24	0	ActSupport, ActMLSupport	×
ActAJ71QC24, ActMLAJ71QC24	0	⊡: Usable	\times : Unusable
ActAJ71UC24, ActMLAJ71UC24	×		
ActAJ71C24, ActMLAJ71C24	×		

- *1: Depending on the communication path (Ethernet communication, MELSECNET/10 communication, etc.), there will be restrictions as placed on the corresponding communication path controls.
- *2: An error is returned if access to the QSCPU is made.
- *3: An error is returned if access to the AnUCPU, QCPU (A mode), A173UHCPU(-S1) or A273UH(-S3) is made.
- *4: An error is returned if access to the QnACPU is made.
- *5: An error is returned if the CPU is other than FX2N, FX2NC, FX3U and FX3UC.
- *6: An error is returned if own board access is made.
- *7: An error is returned if access to the QnACPU is made via the MELSECNET/10 or MELSECNET(II).

*8: An error is returned if the CPU is other than FX0N, FXU, FX2C, FX2N and FX2NC.

(2) Feature

Writes values to the buffer memory of the special function module.

-ormai	I			
Visual	Basic [®] 6.0,	VBA : IRet = of	bject.WriteBuffer(IStartIO, IAddress iData(0))	, IWriteSize,
	Long	IRet	Returned value	Output
	Long	IStartIO	First I/O number of module to where values will be written	Input
	Long	IAddress	Buffer memory address	Input
	Long	IWriteSize	Write size	Input
	Integer	iData(n)	Values written to buffer memory	Input
Visual	C++® 6.0, V	ïsual C++ [®] .NE	ET(MFC) : IRet = object. WriteBuffe (IStartIO, IAddres *lpsData)	r s, IWriteSize
	Long	lRet	Returned value	Output
	Long	IStartIO	First I/O number of module to where values will be written	Input
	Long	IAddress	Buffer memory address	Input
	Long	IWriteSize	Write size	Input
	Short	*lpsData	Values written to buffer memory	Input
VBScri	pt : varRet =	= object.WriteB	Buffer(varStartIO, varAddress, varW varData)	riteSize,
	VARIANT	varRet	Returned value (LONG type)	Output
	VARIANT	varStartIO	First I/O number of module to where values will be written	Input
	VARIANT	varAddress	Buffer memory address (LONG type)	Input
	VARIANT	varWriteSize	Write size (LONG type)	Input
	VARIANT	varData	Values written to buffer memory (SHORT array type)	Input
Visual	Basic [®] .NE⊺	Г : IRet = objec	t.WriteBuffer(iStartIO, iAddress, iW iData(0))	riteSize,
	Integer	IRet	Returned value	Output
	Integer	iStartIO	First I/O number of module to where values will be written	Input
	Integer	iAddress	Buffer memory address	Input
	Integer	iWriteSize	Write size	Input
	short	iData(n)	Values written to buffer memory	Output
Visual	C++® .NET	: iRet = object.	WriteBuffer(iStartIO, iAddress, iWri *ipsData)	teSize,
	int	iRet	Returned value	Output
	int	iStartIO	First I/O number of module to where values will be written	Input
	int	iAddress	Buffer memory address	Input
	int	iWriteSize	Write size	Input
	short	*ipsData	Values written to buffer memory	Output

(3) Format

(4) Explanation

- (a) As the module I/O number specified in IStartIO(varStartIO), specify a value found by dividing the actual I/O number by 16.
- (b) The buffer values for IWriteSize(varWriteSize) at the buffer memory address specified in IAddress(varAddress) in the special function module located at the first I/O number specified in IStartIO(varStartIO) are written.
- (c) When using the Act(ML)FXCPU control or Act(ML)LLT control, specify the block number (0 to 7) of the special expansion equipment as the module's first I/O number and any of 0 to 32767 as the buffer memory address.
- (d) Reserve an array of IWriteSize (varWriteSize) or more for iData (IpsData or varData).

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

(6) Instructions for read/write of data from/to buffer memory in multiple programmable controller system configuration

The following phenomena will occur when the function is executed if the actually configured multiple programmable controller system differs from the I/O assignment set using GX Developer.

Execute the function after checking the I/O assignment on GX Developer and checking the I/O numbers of the module from/to where the value will be read/written.

- (a) An error occurs if the function is executed after the correct I/O numbers have been specified.
- (b) When the specific I/O numbers (I/O numbers whose I/O assignment is actually wrong) are specified, read from buffer memory can be performed properly, but write to buffer memory results in an error (error code: 0x010A4030, 0x010A4042, etc.).
- (c) Though a programmable controller CPU error (parameter error, SP. UNIT LAY ERR, etc.) does not occur in the multiple programmable controller system, execution of the function results in an error in the user application.

POINT

- (1) An error is returned if access to the motion controller CPU is made.
- (2) For iData(lpsData,varData), prepare a memory area having the number of points specified in IWriteSize(varWriteSize).
 If there is no memory area, a critical phenomenon such as an application error may occur.
- (3) When buffer memory write (WriteBuffer) is performed for the QCPU (Q mode), write operation may be performed for only the Q series-dedicated module. Write to the shared memory of the QCPU (Q mode) cannot be performed, either.

4.2.11 GetClockData (Clock data read)

(1) Applicable ACT controls

The applicable ACT controls are indicated below.

Control Name	Usability	Control Name	Usability
ActEasyIF, ActMLEasyIF	O *1	ActFX485BD, ActMLFX485BD	0
ActQJ71E71TCP, ActMLQJ71E71TCP	0	ActFXCPUUSB, ActMLFXCPUUSB	0
ActQJ71E71UDP, ActMLQJ71E71UDP	0	ActQCPUQUSB, ActMLQCPUQUSB	0
ActLCPUTCP, ActMLLCPUTCP	0	ActLCPUUSB, ActMLLCPUUSB	0
ActLCPUUDP, ActMLLCPUUDP	0	ActCCG4Q, ActMLCCG4Q	0
ActAJ71QE71TCP, ActMLAJ71QE71TCP	0	ActCCG4QnA, ActMLCCG4QnA	0
ActAJ71QE71UDP, ActMLAJ71QE71UDP	0	ActCCG4A, ActMLCCG4A	0
ActAJ71E71TCP, ActMLAJ71E71TCP	O *2	ActMnet10BD, ActMLMnet10BD	⊖*3
ActAJ71E71UDP, ActMLAJ71E71UDP	O *2	ActMnetHBD, ActMLMnetHBD	⊖*3
ActQNUDECPUTCP, ActMLQNUDECPUTCP	0	ActMnetGBD, ActMLMnetGBD	○*3
ActQNUDECPUUDP, ActMLQNUDECPUUDP	0	ActCCIEFBD, ActMLCCIEFBD	0
ActCCIEFADPTCP, ActMLCCIEFADPTCP	0	ActCCBD, ActMLCCBD	○*3
ActCCIEFADPUDP, ActMLCCIEFADPUDP	0	ActAnUBD, ActMLAnUBD	○*4
ActQCPUQ, ActMLQCPUQ	0	ActLLT, ActMLLLT	0
ActLCPU, ActMLLCPU	0	ActSIM, ActMLSIM	0
ActQCPUA, ActMLQCPUA	0	ActQCPUQBus, ActMLQCPUQBus	0
ActQnACPU, ActMLQnACPU	0	ActA6TEL, ActQ6TEL, ActFXCPUTEL,	
ActACPU, ActMLACPU	0	ActQ71C24TEL, ActLJ71C24TEL,	0
ActFXCPU, ActMLFXCPU	0	ActAJ71QC24TEL	
ActQJ71C24, ActMLQJ71C24	0	ActGOT, ActMLGOT	×
ActLJ71C24, ActMLLJ71C24	0	ActGOTTRSP, ActMLTRSP	0
ActAJ71QC24, ActMLAJ71QC24	○*2	ActSupport, ActMLSupport	×
ActAJ71UC24, ActMLAJ71UC24	O*2	: Usable	\times : Unusable
ActAJ71C24, ActMLAJ71C24	0		

^{*1:} Depending on the communication path (Ethernet communication, MELSECNET/10 communication, etc.), there will be restrictions as placed on the corresponding communication path controls.

- *2: An error is returned if access to the QnACPU is made.
- *3: An error is returned if own board access is made.
- *4: An error is returned if access to the QnACPU is made via the MELSECNET/10 or MELSECNET(II).

(2) Feature

Reads time from the clock data of the programmable controller CPU.

(3) Format

Visual Basic[®] 6.0, VBA : IRet = object.GetClockData(iYear, iMonth, iDay,

asic 0.0, VBA . IRet - Object. GetClockData(ITeal, INIOIntil, IDay,						
		iDayOfWeek, iHour, iMinu	ite, iSecond)			
Long	IRet	Returned value	Output			
Integer	iYear	Read year value	Output			
Integer	iManth	Read month value	Output			
Integer	iDay	Read day value	Output			
Integer	iDayOfWeek	Read day-of-week value	Output			
Integer	iHour	Read hour value	Output			
Integer	iMinute	Read minute value	Output			
Integer	iSecond	Read second value	Output			

Visual C++ [®] 6.0, Visual C++ [®] .NET(MFC) : IRet = object. GetClockData					
				*IpsDay, *IpsDa	liputo
				*IpsFlour, *Ipsivi	mule,
	Long	IDat	Poturpod voluo	*ipsoecond)	Output
	LUNY	irtel MinoVoor	Returned value		Output
	Short	*ips real	Read year value		Output
	Short	* Ipsiviontn	Read month value	;	Output
	Short	*IpsDay	Read day value		Output
	Short	*IpsDayOfWeek	Read day-of-week	(value	Output
	Short	*lpsHour	Read hour value		Output
	Short	*lpsMinute	Read minute value	e	Output
	Short	*lpsSecond	Read second valu	le	Output
VBS	Script : varRe	t = object.GetClo	ckData(lpvarYea	r, IpvarMonth, Ipva	arDay,
		, IpvarDay	OfWeek, IpvarHo	our, IpvarMinute, Ip	Second)
	VARIANT	varRet	Returned value(L0	ONG type)	Output
	VARIANT	lpvarYear	Read year value(S	SHORT type)	Output
	VARIANT	lpvarManth	Read month value	e(SHORT type)	Output
	VARIANT	lpvarDav	Read day value(S	HORT type)	Output
	VARIANT	lpvarDavOfWeek	Read day-of-week	value(SHORT type)	Output
	VARIANT	lovarHour	Read hour value(SHORT type)	Output
	VARIANT	InvarMinute	Read minute value	e(SHORT type)	Output
		InvarSecond	Read second value		Output
		ipval Second	Read Second valu	le(GhORT type)	Oulpul
Visu	ual Basic® .N	ET : IRet = objec	t.GetClockData(i`	Year, iMonth, iDay	, ,
		iDay0	∫. DfWeek, iHour, i	/linute, iSecond)	
	Integer	IRet	Returned value		Output
	short	iYear	Read year value		Output
	short	iMonth	Read month value	9	Output
	short	iDav	Read day value		Output
	short	iDavOfWeek	Read day-of-week	value	Output
	short	iHour	Read hour value		Output
	short	iMinute	Read minute value	e	Output
	short	iSecond	Read second valu		Output
	Short				ouput
Visu	ual C++® .NE	T : iRet = object.0	GetClockData(*lp	sYear, *lpsMonth	, ∗lpsDay,
		*lpsDa	ayOfWeek,	lour, *lpsMinute, >	<pre>klpsSecond)</pre>
	int	iRet	Returned value		Output
	short	*lpsYear	Read year value		Output
	short	*lps Month	Read month value	9	Output
	short	∗lps Dav	Read day value		Output
	short	*lps DavOfWeek	Read day-of-week	value	Output
	short	*lps Hour	Read hour value		Output
	short	*lps Minute	Read minute value	e	Output
	short	*lps Second	Read second valu	le	Output

(4) Explanation

(a) An error is returned if correct clock data is not set to the programmable controller CPU.

- (b) As the value stored into iYear (lpsYear or lpvarYear), a four-digit year is returned for the QCPU (Q mode) or a two-digit year for any other CPU. Note that the year for the QCPU (Q mode) is between 1980 and 2079.
- (c) The value stored into iDayOfWeek (lpsDayOfWeek or lpvarDayOfWeek) is as follows.

Value	Day of Week
0	Sunday
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

POINT

- (1) Clock data cannot be read from the A0J2HCPU, A2CCPU and A2CJCPU as they do not have clock data.
- (2) The QCPU (A mode) and ACPU can get clock data only when the target station is in the STOP status.
- (3) For the FXCPU, clock data can be read from the FX1N, FX1NC, FX1S, FX2N or FX3G when it has a built-in clock, or from the FXU, FX2C or FX2NC when it is fitted with the RTC cassette.

An error is returned if the FXCPU is other than the FX1N, FX1NC, FX1S, FXU, FX2C, FX2N, FX2NC, FX3U, FX3UC and FX3G.

(4) Note that an error of transfer time is produced in clock setting.

4.2.12 SetClockData (Clock data write)

(1)	Applicable A	٩СТ	controls
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The applicable ACT controls are indicated below.

Control Name	Usability	Control Name	Usability
ActEasyIF, ActMLEasyIF	O ∗1, ∗ 2	ActFX485BD, ActMLFX485BD	0
ActQJ71E71TCP, ActMLQJ71E71TCP	O*2	ActFXCPUUSB, ActMLFXCPUUSB	0
ActQJ71E71UDP, ActMLQJ71E71UDP	O *2	ActQCPUQUSB, ActMLQCPUQUSB	○*2
ActLCPUTCP, ActMLLCPUTCP	0	ActLCPUUSB, ActMLLCPUUSB	0
ActLCPUUDP, ActMLLCPUUDP	0	ActCCG4Q, ActMLCCG4Q	O *2
ActAJ71QE71TCP, ActMLAJ71QE71TCP	0	ActCCG4QnA, ActMLCCG4QnA	0
ActAJ71QE71UDP, ActMLAJ71QE71UDP	0	ActCCG4A, ActMLCCG4A	0
ActAJ71E71TCP, ActMLAJ71E71TCP	O *3	ActMnet10BD, ActMLMnet10BD	○*2, *4
ActAJ71E71UDP, ActMLAJ71E71UDP	O *3	ActMnetHBD, ActMLMnetHBD	O *2, *4
ActQNUDECPUTCP, ActMLQNUDECPUTCP	O *2	ActMnetGBD, ActMLMnetGBD	○*2, *4
ActQNUDECPUUDP, ActMLQNUDECPUUDP	O*2	ActCCIEFBD, ActMLCCIEFBD	0
ActCCIEFADPTCP, ActMLCCIEFADPTCP	0	ActCCBD, ActMLCCBD	○*2, *4
ActCCIEFADPUDP, ActMLCCIEFADPUDP	0	ActAnUBD, ActMLAnUBD	○*5
ActQCPUQ, ActMLQCPUQ	O*2	ActLLT, ActMLLLT	×
ActLCPU, ActMLLCPU	0	ActSIM, ActMLSIM	×
ActQCPUA, ActMLQCPUA	0	ActQCPUQBus, ActMLQCPUQBus	0
ActQnACPU, ActMLQnACPU	0	ActA6TEL, ActQ6TEL, ActFXCPUTEL,	
ActACPU, ActMLACPU	0	ActQ71C24TEL, ActLJ71C24TEL,	0
ActFXCPU, ActMLFXCPU	0	ActAJ71QC24TEL	
ActQJ71C24, ActMLQJ71C24	O*2	ActGOT, ActMLGOT	×
ActLJ71C24, ActMLLJ71C24	0	ActGOTTRSP, ActMLGOTTRSP	0
ActAJ71QC24, ActMLAJ71QC24	○*3	ActSupport, ActMLSupport	×
ActAJ71UC24, ActMLAJ71UC24	○*3	 ◯: Usable	×: Unusable
ActAJ71C24, ActMLAJ71C24	0		

- *1: Depending on the communication path (Ethernet communication, MELSECNET/10 communication, etc.), there will be restrictions as placed on the corresponding communication path controls.
- \ast 2: An error is returned if access to the QSCPU is made.
- \ast 3: An error is returned if access to the QnACPU is made.
- $\ast 4:$ An error is returned if own board access is made.
- *5: An error is returned if access to the QnACPU is made via the MELSECNET/10 or MELSECNET(II).

(2) Feature

Writes time to the clock data of the programmable controller CPU.

(3) Format

Visual Basic[®] 6.0, VBA : IRet = object.SetClockData(iYear, iMonth, iDay, iDayOfWeek, iHour, iMinute, iSecond)

			nute, isecond
Long	IRet	Returned value	Output
Integer	iYear	Year value to be written	Input
Integer	iManth	Month value to be written	Input
Integer	iDay	Day value to be written	Input
Integer	iDayOfWeek	Day-of-week value to be written	Input
Integer	iHour	Hour value to be written	Input
Integer	iMinute	Minute value to be written	Input
Integer	iSecond	Second value to be written	Input

Visual C++® 6.0, Visual C++® .NET(MFC) : IRet = object.SetClockData (sYear,				
			sMonth, sDay, sD	ayOfWeek,
			sHour, sMinute, s	Second)
	Long	IRet	Returned value	Output
	Short	sYear	Year value to be written	Input
	Short	sMonth	Month value to be written	Input
	Short	sDay	Day value to be written	Input
	Short	sDaYOfWeek	Day-of-week value to be written	Input
	Short	sHour	Hour value to be written	Input
	Short	sMinute	Minute value to be written	Input
	Short	sSecond	Second value to be written	Input
VBS	Script : varRe	t = object.SetClo	ckData(varYear, varMonth, varDay,	
		va	rDayOfWeek, varHour, varMinute, v	varSecond)
	VARIANT	varRet	Returned value(LONG type)	Output
	VARIANT	varYear	Year value to be written(SHORT type)	Input
	VARIANT	varManth	Month value to be written(SHORT type)	Input
	VARIANT	varDay	Day value to be written(SHORT type)	Input
	VARIANT	varDayOfWeek	Day-of-week value to be written (SHORT type)	Input
	VARIANT	varHour	Hour value to be written(SHORT type)	Input
	VARIANT	varMinute	Minute value to be written(SHORT type)	Input
	VARIANT	varSecond	Second value to be written(SHORT type)	Input
Visu	al Basic® .N	ET : IRet = objec	t.SetClockData(iYear, iMonth, iDay,	
		iD	ayOfWeek, iHour, iMinute, iSecond)
	Integer	IRet	Returned value	Output
	short	iYear	Year value to be written	Input
	short	iMonth	Month value to be written	Input
	short	iDay	Day value to be written	Input
	short	iDayOfWeek	Day-of-week value to be written	Input
	short	iHour	Hour value to be written	Input
	short	iMinute	Minute value to be written	Input
	short	iSecond	Second value to be written	Input
Visu	al C++® .NE	T : iRet = object.	SetClockData(sYear, sMonth, sDay	Ι,
		sD	ayOfWeek, sHour, sMinute, sSeco	nd)
	int	iRet	Returned value	Output
	short	sYear	Year value to be written	Input
	short	sMonth	Month value to be written	Input
	short	sDay	Day value to be written	Input
	short	sDayOfWeek	Day-of-week value to be written	Input
	short	sHour	Hour value to be written	Input
	short	sMinute	Minute value to be written	Input
	short	sSecond	Second value to be written	Input

(4) Explanation

- (a) An error is returned if the clock data to be set are not correct values.
- (b) As to the value specified in iYear (sYear or varYear), a four-digit year is valid for the QCPU (Q mode) or a two-digit year for any other CPU.
 Note that the year valid for the QCPU (Q mode) is between 1980 and 2079.
 An error will occur if a four-digit year is set to any CPU other than the QCPU (Q mode).
- (c) The value to be specified in iDayOfWeek (sDayOfWeek or varDayOfWeek) is as follows.

Value	Day of Week
0	Sunday
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

POINT

- (1) Clock data cannot be read from the A0J2HCPU, A2CCPU and A2CJCPU as they do not have clock data.
- (2) For the QCPU (A mode) and ACPU, clock data can be set only when the target station is in the STOP status.
- (3) For the QCPU (A mode) and ACPU, the clock setting special relay "M9028" changes to OFF after clock data setting.
- (4) For the FXCPU, clock setting can be made to the FX1N, FX1NC, FX1S, FX2N or FX3G when it has a built-in clock, or to the FXU, FX2C or FX2NC when it is fitted with the RTC cassette.

An error is returned if the FXCPU is other than the FX1N, FX1NC, FX1S, FXU, FX2C, FX2N, FX2NC, FX3U, FX3UC and FX3G.

(5) Note that an error of transfer time is produced in clock setting.

4.2.13 GetCpuType (Programmable controller CPU type read)

(1) Applicable ACT controls This function is available for all ACT controls*1 but the ActSupoort and ActMLSupport controls.

*1: MELSECNET/10 board will result in an error if own board access is made.

(2) Feature

Reds the type character string and type code of the programmable controller CPU, Network Board and GOT.

(3) Format

Visual Basic [®] 6.0, VBA : IRet = object.GetCpuType(szCpuName, ICpuType)				
	Long	lRet	Returned value	Output
	String	szCpuName	Programmable controller CPU type	Output
			character string	
	Long	ICpuType	Programmable controller CPU type	Output
			code	
Visu	al C++® 6.0, \	Visual C++® .NE	T(MFC) : IRet = object.GetCpuTyp	е
			(*szCpuType, *I	plCpuType)
	Long	IRet	Returned value	Output
	BSTR	*szCpuName	Programmable controller CPU type character string	Output
	Long	*lplCpuType	Programmable controller CPU type	Output
			code	
VBS	Script : varRet	= object.GetCp	uType(varCpuName, lpvarCpuCode	e)
	VARIANT	varRet	Returned value(LONG type)	Output
	VARIANT	IpvarCpuName	Programmable controller CPU type	Output
			character string	
		InvarCouCode	Character string type)	Output
		ipvai CpuCode	code(LONG type)	Output
Visu	al Basic® .NE	T : IRet = obiec	t.GetCpuTvpe(szCpuName, ICpuT	vpe)
	Integer	IRet	Returned value	Output
	String	szCouName	Programmable controller CPU type	Output
	0		character string	o up ut
	Integer		Programmable controller CPU type	Output
	integel		code	o uput
Visu	al C++® .NET	: iRet = obiect.	GetCpuTvpe (**szCpuName. *ip	(CpuTvpe)
	int	iRet	Returned value	Output
	String	**szCpuName	Programmable controller CPU type	Output
	5		character string	.H
	int	*iplCpuType	Programmable controller CPU type	Output
			code	·

(4) Explanation

- (a) The type of the programmable controller which is making communication is stored into szCpuName (lpvarCpuName) and its type code into lCpuType (lplCpuType or lpvarCpuCode).
- (b) The programmable controller CPU type character string is returned in UNICODE.

(5) CPU type character string and type code The following table lists the CPU, Network Board and GOT type character strings and type codes read using GetCpuType.

DPUNEtwork OPUNEtwork OPUNEtwork OPUNEtwork OPUNEtwork Board Type Acc		Type Cha	racter String		Type Chara	acter String
Board Type is connected CUI Type Board Type is connected COUCPU QOULCPU QOULCPU QOULCPU A2C A2C QOULCPU QOULCPU QOULCPU QOUCPU A2C A2C QOULCPU QOULCPU QOULCPU A2C A2C QOULCPU QOULCPU QOULCPU A2C A2C QOULCPU QOULCPU A2CCPU A2N A2N QOULCPU QOULCPU A2SCPUS1 A2S A2N QOULCPU QOULCPU A2SCPUS1 A2S A2N QOULCPU QOULCPU A2SCPUS1 A2S A2N QOULCPU QOULCPU A2SCPUS1 A2AS A2AS QOULCPU QOULCPU A2SCPUS1 A2AS A2AS QOULCPU QOULCPU QUULCPU A2AS A2AS A2AS QOULCPU QUULCPU A2ACPUS1 A2AS A2AS A2AS QUULCPU QUULCPU A2ACPUS1 A2US A2US A2AS<		CPU/Network	When GX Simulator	CPU/Network Board/	CPU/Network	When GX Simulator
GOOLCPU GOOLCPU QOOLCPU QOOLCPU QOOLCPU ACC ACC GOODULCPU QOOLCPU QOOCPU QOOCPU ACC ACC GOODULCPU QOOLCPU QOOLCPU AZC AZC AZC GOOLCPU QOOLCPU QOOLCPU AZN AZN AZN GOTUCPU QOOLCPU QOOLCPU AZNCPUSI AZN AZN GOTUCPU QOOLCPU QOOLCPU AZSCPUSI AZS AZN GOOLCPU QOOLCPU QOOLCPU AZSCPUSI AZS AZN GOOLCPU QOOLCPU QOOLCPU AZSCPUSI AZS AZN GOOLCPU QOOLCPU QOOLCPU AZSCPUSI AZA AZASI GOOLCPU QOOLCPU QOOLCPU AZSCPUSI AZA AZASI GOOLCPU QOOLCPU QOOLCPU AZUCPUSI AZASI AZASI QOOLCPU QOOLCPU AZUCPUSI AZUSI AZASI AZASI QOOLCPU QOOLCPU AZUC	Board/GOT Type	Board Type	is connected	GOT Type	Board Type	is connected
COULUCPU COULUCPU COULUCPU COULUCPU COULUCPU COUCPU <	Q00JCPU	Q00JCPU	Q00JCPU	A2CCPUC24	A2C	A2C
000CPU 000CPU 000CPU A2CCPU A2C A2C A2C 001CPU 000CPU 000CPU A2NCPU A2N A2N A2N 001CPU 001CPU 001CPU A2NCPU A2S A2N A2N 001CPU 001CPU 001CPU A2SCPU A2S A2N A2N 002CPU 002CPU A2SCPU A2S A2N A2S A2N 002HCPU 002CPU A2SCPUSI A2S A2N A2SI A2SI 004HCPU 002HCPU 002HCPU A2CPUSITR21 A2A A2SI A2SI 002HCPU 002HCPU 002HCPU A2CPUSITR21 A2ASI A2ASI A2ASI 022HCPU 022HCPU 022HCPU A2CPUSITR21 A2ASI A2U	Q00UJCPU	Q00UJCPU	Q00UJCPU	A2CCPUC24-PRF	A2C	A2C
COULCPU COULCPU <t< td=""><td>Q00CPU</td><td>Q00CPU</td><td>Q00CPU</td><td>A2CJCPU</td><td>A2C</td><td>A2C</td></t<>	Q00CPU	Q00CPU	Q00CPU	A2CJCPU	A2C	A2C
G01CPU Q01CPU Q01CPU Q01CPU Q01CPU Q02CPU A2SCPU A2S A2N Q02CPU Q02CPU Q02CPU A2SCPU A2S A2N Q02CPU Q02CPU A2SCPU A2S A2N Q02HCPU Q02CPU A2SCPU A2S A2N Q02HCPU Q02HCPU Q02HCPU A2SHCPU A2SH A2SH Q02HCPU Q02HCPU Q02HCPU A2ACPUP2/IR21 A2AS A2ASH Q02HCPU Q02HCPU Q02HCPU Q02HCPU A2ACPUP2/IR21 A2ASH A2ASH Q02HCPU Q02HCPU Q02HCPU A2ACPUP2/IR21 A2ASH A2ASH Q12HCPU Q12HCPU Q12HCPU A2LICPU A2U A2U C2U Q12PHCPU Q2SHCPU A2LISCPU A2U A2U C2U	Q00UCPU	Q00UCPU	Q00UCPU	A2NCPU	A2N	A2N
G01UCPU Q01UCPU Q02CPU A2SCPU A2S A2N Q02CPU Q02CPU Q02CPU A2SCPU-S1 A2S A2N Q02HCPU Q02CPU A2SCPU-S1 A2S A2N Q02HCPU Q03HCPU Q02HCPU A2SHCPU-S1 A2SH A2SH Q02HCPU Q02HCPU Q2SHCPU A2ACPU-S1 A2AS1 A2AS1 Q02HCPU Q02PHCPU Q02PHCPU A2ACPU-S1 A2AS1 A2AS1 Q02PHCPU Q02PHCPU Q02PHCPU A2ACPU-S1 A2AS1 A2AS1 Q02PHCPU Q02PHCPU A2ACPU-S1 A2AS1 A2AS1 A2AS1 Q2PHCPU Q2PHCPU A2ACPU-S1 A2AS1 A2AU Q2U Q2U Q2UCPU A2U A2U Q2U Q2U Q2UCPU Q2UCPU A2ASCPU-S30 A3U A3U Q3U Q	Q01CPU	Q01CPU	Q01CPU	A2NCPU-S1	A2N	A2N
0022PU 0022PU 0022PU A2SPHCPU A2SPHCPU A2SH A2SH A2SH 006HCPU 006HCPU 006HCPU A2SHCPU A2SH A2SH A2SH 006HCPU 006HCPU 022HCPU A2APUP2/162H A2APUP2/162H A2AF A2ASH 022HCPU 002HCPU 002HCPU 002HCPU A2APUP2/172H A2ASH A2ASH 025PHCPU 002FHCPU 006PHCPU A2APUP2/172H A2ASH A2ASH 025PHCPU 002FHCPU 006PHCPU A2APUP2/172H A2ASH A2ASH 025PHCPU 022HCPU 022HCPU A2UPUP2/172H A2AU A2U 025PHCPU 025PHCPU 025PHCPU A2USCPU A2U A2U A2U 025UCPU 023UCPU 023UCPU A2USCPUSI A2U A2U A2U 030UCPU 003UDCPU 030UCPU 030UCPU A3U A3U A3U 030UDCPU 030UDCPU 030UCPU A3UCPUP2/172H A3A A3A A3A	Q01UCPU	Q01UCPU	Q01UCPU	A2SCPU	A2S	A2N
G02HCPU G02HCPU G02HCPU A2SHCPU A2SH A2SH G02HCPU G02HCPU G02HCPU A2SHCPU A2SH A2SH G12HCPU Q2HCPU A2ACPUS1 A2ASI A2ASI G02PHCPU Q2EHCPU A2ACPUS1 A2ASI A2ASI G02PHCPU Q02PHCPU A2ACPU2FIR21 A2ASI A2ASI G02PHCPU Q02PHCPU A2ACPU2FIR21 A2ASI A2AI G02PHCPU Q12HCPU A2ACPU2FIR21H21 A2ASI A2AI G2PHCPU Q2PHCPU A2UCPU A2UCPU A2U A2U G2PHCPU Q2PHCPU Q2PHCPU A2USCPU A2USCPU A2U A2U Q3DDCPU Q3DUCPU Q3DUCPU A2ASCPU-S30 A3U A3U A3U Q3DUDCPU Q3DUCPU Q3DUDCPU A2ASCPU-S30 A3U A3U A3U Q3DUDCPU Q3DUDCPU Q3DUDCPU A3ACPU2F1R21 A3A A3A A3A A3A A3A A3A A3A	Q02CPU	Q02CPU	Q02CPU	A2SCPU-S1	A2S	A2N
Co66HCPU CO66HCPU A28HCPU-S1 A28H A28H C028HCPU C024HCPU C024HCPU C024HCPU C024HCPU C028HCPU C028UCHCPU C028UCHCPU <td>Q02HCPU</td> <td>Q02HCPU</td> <td>Q02CPU</td> <td>A2SHCPU</td> <td>A2SH</td> <td>A2SH</td>	Q02HCPU	Q02HCPU	Q02CPU	A2SHCPU	A2SH	A2SH
G12HCPU G12HCPU G22HCPU G2UCPU	Q06HCPU	Q06HCPU	Q06HCPU	A2SHCPU-S1	A2SH	A2SH
C25HCPU C22HCPU C22HCPU <t< td=""><td>Q12HCPU</td><td>Q12HCPU</td><td>Q12HCPU</td><td>A2ACPU</td><td>A2A</td><td>A2AS1</td></t<>	Q12HCPU	Q12HCPU	Q12HCPU	A2ACPU	A2A	A2AS1
002PHCPU 002UPHCPU 003UPHCPU 003UPHC	Q25HCPU	Q25HCPU	Q25HCPU	A2ACPU-S1	A2AS1	A2AS1
OGEPHCPU OGEPHCPU AACPUP21R21:S1 AAS1 A2AS1 A2AS1 012PHCPU 012HCPU 012HCPU A2U A2U A2U 02SPHCPU 022HCPU 022HCPU A2USCPU A2U A2U 02SPRHCPU 022FRHCPU 022FRHCPU A2USCPU A2U A2U 03UDCPU 003UDCPU 003UDCPU A2USCPU A2U A2U 03UDCPU 003UDCPU 003UDCPU A2USCPU A2U A2U 04UDHCPU 004UDHCPU 004UDHCPU A2ASCPU-S1 A2USH A2USH 010UDHCPU 004UDHCPU 004UDHCPU A3ACPU-S1 A2USH A2USH 013UDHCPU 013UDHCPU 013UDHCPU A3ACPU-S1 A3U A3U 03UDECPU 023UDECPU 023UDECPU A3A A3A A3A 03UDECPU 023UDECPU 023UDECPU A3UCPU A4U A4U 04UDHCPU 024UDHCPU A4UCPU A4U A4U A4U 04UDHCPU 026UDHCPU <td>Q02PHCPU</td> <td>Q02PHCPU</td> <td>Q02PHCPU</td> <td>A2ACPUP21/R21</td> <td>A2AS1</td> <td>A2AS1</td>	Q02PHCPU	Q02PHCPU	Q02PHCPU	A2ACPUP21/R21	A2AS1	A2AS1
C12PHCPU C12HCPU C12HCPU C2HCPU C2HCPU <thc2hcpu< th=""> <thc2hcpu< th=""> <thc2hcpu< td=""><td>Q06PHCPU</td><td>Q06PHCPU</td><td>Q06PHCPU</td><td>A2ACPUP21/R21-S1</td><td>A2AS1</td><td>A2AS1</td></thc2hcpu<></thc2hcpu<></thc2hcpu<>	Q06PHCPU	Q06PHCPU	Q06PHCPU	A2ACPUP21/R21-S1	A2AS1	A2AS1
C225PHCPU C225HCPU C225HCPU C225HCPU A2U A2U C12PRHCPU C12PRHCPU C12PRHCPU A2USCPU A2U A2U C02UCPU C02UCPU C02UCPU A2USCPU A2USCPU A2U A2U C03UDCPU C03UDCPU C03UDCPU A2ASCPU-S1 A2US1 A2U C04UDHCPU C04UDHCPU C04UDHCPU A2ASCPU-S1 A2US1 A2U C04UDHCPU C04UDHCPU C04UDHCPU A2ASCPU-S1 A2US1 A2U C06UDHCPU C06UDHCPU C04UDHCPU A3ASCPU A3A A3A C03UDCPU C13UDHCPU C13UDHCPU A3ACPU A3U A3U C03UDECPU C24UDHCPU C24UDHCPU A3U A3U C3U C03UDECPU C04UDEHCPU C24UDHCPU A3U A3U C3U C03UDECPU C04UDEHCPU C24UDHCPU A3U A3U C3U C03UDECPU C04UDEHCPU C24UDHCPU A3U A3U C3U C040	Q12PHCPU	Q12HCPU	Q12HCPU	A2UCPU	A2U	A2U
G12PRHCPU G12PRHCPU G12PRHCPU G2SPRHCPU A2U A2U A2U G02UCPU G02UCPU A2SPRHCPU A2SCPU-S1 A2US1 A2U G03UDCPU G03UDCPU Q03UDCPU A2ASCPU-S1 A2US1 A2U G03UDCPU Q03UDCPU Q03UDCPU A2ASCPU-S1 A2US1 A2U G04UDHCPU Q04UDHCPU Q04UDHCPU A2ASCPU-S1 A2USH A3U A3U G10UDHCPU Q04UDHCPU Q04UDHCPU A3ASCPU-S1 A3A A3A G10UDHCPU Q10UDHCPU A3ACPU A3A A3A A3A G03UDECPU Q02UDHCPU A3UCPU A3A A3A A3A G03UDECPU Q03UDECPU A3UCPU A4U	Q25PHCPU	Q25HCPU	Q25HCPU	A2UCPU-S1	A2US1	A2U
Q25PRHCPU Q25PRHCPU Q23PRHCPU Q23PRHCPU Q23UCPU Q02UCPU Q02UCPU Q02UCPU Q23UDCPU Q3UDCPU	Q12PRHCPU	Q12PRHCPU	Q12PRHCPU	A2USCPU	A2U	A2U
G02UCPU Q02UCPU Q02UCPU A2ASCPU A2U A2U Q03UDCPU	Q25PRHCPU	Q25PRHCPU	Q25PRHCPU	A2USCPU-S1	A2US1	A2U
CONSIDCPU COUDECPU COUDECPU COUDECPU COUDECPU A2US1 A2U CONDECPU CONDECPU CONDECPU A2SCPU-S30 A3U A3U A3U CONDECPU CONDECPU A2USHCPU-S11 A2USH A2USH A2USH CONDECPU CONDECPU A3NCPU A3N A3N A3N CONDECPU CONDECPU A3ACPU A3A A3A A3A CONDECPU CONDECPU A3ACPU A3A A3A A3A CONDECPU CONDECPU A3ACPU A3A A3A A3A CONDECPU CONDECPU A3ACPU A3U A3U A3U CONDECPU CONDECPU CONDECPU A3ACPU A3U A3U CONDECPU CONDECPU CONDECPU A3UCPU A3U A3U CONDECPU CONDECPU A3UCPU A4UCPU A4U A4U CONDECPU CONDECPU A1FXCPU A1EX A1FX CONDECPU CONDECPU A1	Q02UCPU	Q02UCPU	Q02UCPU	A2ASCPU	A2U	A2U
Q04UDHCPU Q04UDHCPU <t< td=""><td>Q03UDCPU</td><td>Q03UDCPU</td><td>Q03UDCPU</td><td>A2ASCPU-S1</td><td>A2US1</td><td>A2U</td></t<>	Q03UDCPU	Q03UDCPU	Q03UDCPU	A2ASCPU-S1	A2US1	A2U
Q00UDHCPU Q00UDHCPU A2USHCPU-S1 A2USH A2USH Q10UDHCPU Q10UDHCPU Q13UDHCPU Q13UDHCPU <td>Q04UDHCPU</td> <td>Q04UDHCPU</td> <td>Q04UDHCPU</td> <td>A2ASCPU-S30</td> <td>A3U</td> <td>A3U</td>	Q04UDHCPU	Q04UDHCPU	Q04UDHCPU	A2ASCPU-S30	A3U	A3U
Q10UDHCPU Q10UDHCPU Q3NCPU A3N A3N Q13UDHCPU Q20UDHCPU Q3UDHCPU Q3ACPU A3A A3A Q20UDHCPU Q20UDHCPU Q20UDHCPU Q3ACPU A3A A3A Q3UDECPU Q20UDHCPU Q20UDHCPU Q3UDECPU A4UCPU A4U A4U Q3UDECPU Q3UDECPU Q3UDECPU A4UCPU A4U A4U Q3UDECPU Q3UDECPU Q3UDECPU A4UCPU A4U A4U Q3UDECPU Q3UDECPU A4UCPU A4U A4U A4U Q3UDECPU Q3UDECPU Q3UDECPU A4VCPU A4V A4U Q3UDECPU Q3UDECPU Q3UDECPU A1FX A1FX A1FX Q3UDECPU Q13UDEHCPU Q3UDECPU FXs FXs FXs FXs Q3UDECPU Q3UDEHCPU Q2UDEHCPU Q2UDEHCPU FXs FXs FXs Q3UDEHCPU Q3UDEHCPU Q3UCPU-A FXs FXs FXs Q3UDEHCPU	Q06UDHCPU	Q06UDHCPU	Q06UDHCPU	A2USHCPU-S1	A2USH	A2USH
Q13UDHCPU Q20UDHCPU Q20UDHCPU <t< td=""><td>Q10UDHCPU</td><td>Q10UDHCPU</td><td>Q10UDHCPU</td><td>A3NCPU</td><td>A3N</td><td>A3N</td></t<>	Q10UDHCPU	Q10UDHCPU	Q10UDHCPU	A3NCPU	A3N	A3N
Q20UDHCPU Q20UDHCPU Q20UDHCPU A3ACPUP2'/R21 A3A A3A Q28UDHCPU Q28UDHCPU Q3UDECPU Q3UDECPU A3UCPU A3U A3U Q3UDECPU Q03UDECPU Q4UDEHCPU Q2UDEHCPU Q2UDEHCPU <td>Q13UDHCPU</td> <td>Q13UDHCPU</td> <td>Q13UDHCPU</td> <td>A3ACPU</td> <td>A3A</td> <td>A3A</td>	Q13UDHCPU	Q13UDHCPU	Q13UDHCPU	A3ACPU	A3A	A3A
Q26UDHCPU Q26UDHCPU Q26UDHCPU A3UCPU A3U A3U Q03UDECPU Q03UDECPU Q03UDECPU Q04UDEHCPU Q04UDEHCPU A4UCPU A4U Q04UDEHCPU Q04UDEHCPU Q04UDEHCPU A1FX A1FX Q06UDEHCPU Q06UDEHCPU Q06UDEHCPU A1FX A1FX Q010UEHCPU Q06UDEHCPU Q06UDEHCPU FXa/FXas FXa/FXas Q13UDEHCPU Q13UDEHCPU Q13UDEHCPU FXa/FXas FX1 Q20UDEHCPU Q20UDEHCPU FXa FX1 FX1 Q20UDEHCPU Q20UDEHCPU FXa FX1 FX1 Q20UDEHCPU Q20UDEHCPU PXn FX1 FX1 Q20DEHCPU Q20UDEHCPU PXn FX1 FX1 Q20DEHCPU Q20CPU-A FXa FX1 FX1 Q20DEHCPU Q20CPU-A FXa FX1 FX1 Q20DECPU-A Q02CPU-A FXa FX1 FX1 Q20CPU-A Q20CPU-A FXa FXa/FXac F	Q20UDHCPU	Q20UDHCPU	Q20UDHCPU	A3ACPUP21/R21	A3A	A3A
Q03UDECPU Q03UDECPU Q03UDECPU Q04UDEHCPU Q04UDEHCPU Q04UDEHCPU Q04UDEHCPU Q04UDEHCPU Q04UDEHCPU Q06UDEHCPU Q01UEDHCPU Q01UEDHCPU Q01UEDHCPU Q01UEDHCPU Q01UEDHCPU Q01UEDHCPU Q01UEHCPU Q01UEHCPU Q01UEHCPU Q01UEHCPU Q01UEHCPU Q01UEHCPU Q01UEHCPU PXn FXn FXn FXn Q02UDEHCPU Q20UDEHCPU Q20UDEHCPU FXn G01DEHCPU	Q26UDHCPU	Q26UDHCPU	Q26UDHCPU	A3UCPU	A3U	A3U
Q04UDEHCPU Q04UDEHCPU Q04UDEHCPU A1FX A1FX Q06UDEHCPU Q06UDEHCPU Q06UDEHCPU FXa FXa/FXas FXa/FXas Q10UDEHCPU Q10UEDHCPU Q10UEDHCPU Q10UEDHCPU Q10UEDHCPU FXas FXa/FXas FXa/FXas Q13UDEHCPU Q13UDEHCPU Q13UDEHCPU FXas FXis FXis FXis Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU FXis FXis FXis Q30DEHCPU Q20UDEHCPU Q20UDEHCPU FXis FXis FXis Q30DEHCPU Q20UDEHCPU Q20UDEHCPU FXis FXis FXis Q30DEHCPU Q30DEHCPU Q20CPU-A FXis FXis FXis Q302CPU-A Q302CPU-A FXis FXis FXis CXirFXac Q302CPU-A Q302CPU-A FXis FXis FXis CXirFXac Q302CPU-A Q302CPU-A FXis FXis FXis CXirFXac Q302CPU-A Q302CPU-A FXis FXis <td>Q03UDECPU</td> <td>Q03UDECPU</td> <td>Q03UDECPU</td> <td>A4UCPU</td> <td>A4U</td> <td>A4U</td>	Q03UDECPU	Q03UDECPU	Q03UDECPU	A4UCPU	A4U	A4U
Q06UDEHCPU Q06UDEHCPU Q06UDEHCPU FXo FXo/FXos FXo/FXos Q10UDEHCPU Q10UEDHCPU Q10UEDHCPU FXos FXo/FXos FXo/FXos Q13UDEHCPU Q13UDEHCPU Q13UDEHCPU Q20UDEHCPU FXo FXo FXo Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU FXo FXo FXo FXo Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU FXo FXis FXis FXis Q20UDEHCPU Q20UDEHCPU	Q04UDEHCPU	Q04UDEHCPU	Q04UDEHCPU	A1FXCPU	A1FX	A1FX
Q10UDEHCPU Q10UEDHCPU Q10UEDHCPU Q10UDEHCPU Q10UDEHCPU Q10UDEHCPU Q10UDEHCPU Q10UDEHCPU Q10UDEHCPU Q10UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU PX1 FX1 FX1 Q100UDEHCPU Q20UDEHCPU — FX1N FX1N FX1N FX1N Q100UDEHCPU Q100UDEHCPU — FX1N FX1N FX1N FX1N Q02CPU-A Q02CPU-A FX0 FX0 FX1N FX1N FX1N Q02HCPU-A Q02CPU-A FX0 FX2N/FX2C FX1N/FX2C FX1N/FX2C Q02HCPU-A Q02CPU-A FX0 FX2N/FX2NC FX2N/FX2NC FX2N/FX2NC Q02HCPU-A Q02HCPU-A FX0 FX2N/FX2NC FX2N/FX2NC FX2N/FX2NC Q02HCPU-A Q02HCPU-A FX2N FX2N/FX2NC FX2N/FX2NC FX2N/FX2NC Q02HCPU-A PX3N PX2N/FX2NC FX2N/FX2NC FX2N/FX2NC FX2N/FX2NC </td <td>Q06UDEHCPU</td> <td>Q06UDEHCPU</td> <td>Q06UDEHCPU</td> <td>FX₀</td> <td>FX0/FX0s</td> <td>FX0/FX0s</td>	Q06UDEHCPU	Q06UDEHCPU	Q06UDEHCPU	FX ₀	FX0/FX0s	FX0/FX0s
Q13UDEHCPU Q13UDEHCPU Q13UDEHCPU Q13UDEHCPU Q13UDEHCPU Q20UDEHCPU Q20UEHCPU Q20UEHCPU Q20UEHCPU Q20UEHCPU Q20UEHCPU Q20UEHCPU Q20UEHCPU Q20UEHCPU Q20UEHCPU Q20EPU-A FXxv FXxvFXxvc FXxvFXxvc FXxvFXxvc Q202PU-A Q00EHCPU Q00EHCPU-A FXxv Q20EPU-A FXxv FXxvC FXxvFXxvc FXxvFXxvc FXxvFXxvc FXxvFXxvc FXxvFXxvc FXxvFXxvc FXxvFXxvc FXxvC FXxvC FXxvC FXxvC FXxvc FXxvc FXxvc	Q10UDEHCPU	Q10UEDHCPU	Q10UEDHCPU	FX ₀ s	FX0/FX0S	FX0/FX0S
Q20UDEHCPU Q20UDEHCPU Q20UDEHCPU FX1 FX1 FX1 Q26UDEHCPU Q26UDEHCPU Q26UDEHCPU FX1s FX1s FX1s Q30UDEHCPU Q30UDEHCPU - FX1s FX1s FX1s Q30UDEHCPU Q30UDEHCPU - FX1s FX1s FX1s Q302PU-A Q02CPU-A Q02CPU-A FX1s FX1s FX1s Q32HCPU-A Q02CPU-A Q02CPU-A FX2s FX1rFx2c FX1rFx2c Q32HCPU-A Q02HCPU Q02CPU-A FX2s FX2s/Fx2nc FX2s/Fx2nc FX2s/Fx2nc Q32HCPU-A Q02HCPU A PX3s FX3s FX3s FX3s Q32CPU-BT L26CPU-BT - FX3s FX3s FX3s FX3s Q32DCCPU-V Q12DCCPU-V - FX3s FX3s FX3s C FX3sC	Q13UDEHCPU	Q13UDEHCPU	Q13UDEHCPU	FXON	FXON	FX0N
Q26UDEHCPU Q26UDEHCPU FXis FXis FXis Q50UDEHCPU Q50UDEHCPU — FXin FXin FXin Q100UDEHCPU Q100UDEHCPU — FXin FXin FXin Q02CPU-A Q02CPU-A FXu FXu/FX2c FXu/FX2c FXu/FX2c Q02HCPU-A Q02CPU-A FXac FXu/FX2c FXu/FX2c FXu/FX2c Q02HCPU-A Q06HCPU Q06HCPU-A PXac FXav/FX2nc FXav/FX2nc L02CPU L02CPU — FXas FXas FXas FXas Q06HCPU L02CPU — FXas FXas FXas FXas Q12DCCPU-V Q12DCCPU-V — FXas FXas FXas FXas Q2ACPU Q2ACPU A12SCPU A171SH A171SH A171SH Q2ACPU Q2ACPU A173UHCPU A173UHCPU A173UH Q2ASCPU Q2ACPU Q2ACPU-S1 A172SHCPU A173UHCPU A173UH Q2ASCPU-S1 Q2ACPU-S1	Q20UDEHCPU	Q20UDEHCPU	Q20UDEHCPU	FX ₁	FX1	FX1
Q50UDEHCPU Q50UDEHCPU — FXin FXin FXin Q100UDEHCPU Q100UDEHCPU — FXinc FXin FXin Q02CPU-A Q02CPU Q02CPU-A FXu FXu/Fx2c FXu/Fx2c Q02HCPU-A Q02HCPU Q02CPU-A FXu FXu/Fx2c FXu/Fx2c Q06HCPU-A Q02HCPU Q02CPU-A FXac FXav/Fx2nc FXav/Fx2nc Q06HCPU L02CPU — FXac FXav/Fx2nc FXav/Fx2nc L26CPU-BT L26CPU-BT — FXac FXav/Fx2nc FXav/Fx2nc Q3001CPU Q2ACPU PXav FXav FXav/Fx2nc FXav/Fx2nc Q2ACPU Q2ACPU Q2ACPU A171SHCPU A171SH A172SH Q2ACPU Q2ACPU-S1 A172SHCPU A173UHCPU A173UH A173UH Q2ASCPU-S1 Q2ACPU-S1 A173UHCPU A173UH A173UH A273UH Q2ASCPU-S1 Q2ACPU-S1 A73UHCPU A173UH A273UH A273UH	Q26UDEHCPU	Q26UDEHCPU	Q26UDEHCPU	FX _{1S}	FX1S	FX1S
Q100UDEHCPU Q100UDEHCPU — FXmc FXm FXm Q02CPU-A Q02CPU Q02CPU-A FXu FXu/FXzc FXu/FXzc Q02HCPU Q02CPU-A FXac FXu/FXzc FXu/FXzc FXu/FXzc Q06HCPU-A Q06HCPU Q02CPU-A FXac FXav/FXznc FXzv/FXznc Q06HCPU-A Q06HCPU Q06HCPU-A FXac FXav/FXznc FXzv/FXznc L02CPU L02CPU — FXac FXav/FXznc FXzv/FXznc L26CPU-BT L26CPU-BT — FXau FXauc FXauc Q12DCCPU-V Q12DCCPU-V — FXau FXauc FXauc Q2ACPU Q2ACPU Q2ACPU A171SHCPU A171SH A172SH Q2ACPU-S1 Q2ACPU A172SHCPU A173UHCPU A173UH Q2ASCPU Q2ASCPU-S1 Q2ACPU A2ACPU A173UHCPU A173UH Q2AST3UH Q2AST3UH Q2AST3UH Q2AST3UH Q2AST3UH Q2AST3UH Q2AST3UH Q2AST3UH Q2AST3UH	Q50UDEHCPU	Q50UDEHCPU	_	FX _{1N}	FX1N	FX1N
Q02CPU-A Q02CPU Q02CPU-A FXu FXu/FX2c FXu/FX2c Q02HCPU-A Q02HCPU Q02HCPU-A FX2c FXu/FX2c FXu/FX2c Q06HCPU-A Q06HCPU-A Q06HCPU-A FXan FX2n/FX2nc FX2n/FX2nc L02CPU L02CPU - FXan FX2n/FX2nc FX2n/FX2nc L26CPU-BT L26CPU-BT - FXan FXanc FXanc FXanc Q2ACPU Q2ACPU Q2ACPU A171SH FXanc FXanc FXanc Q2ACPU Q2ACPU Q2ACPU A172SH A172SH A172SH Q2ACPU Q2ACPU A173UHCPU A173UHCPU A173UH Q2ASCPU Q2ACPU A273UHCPU A173UH A273UH Q2ASCPU Q2ACPU A273UHCPU A273UH A273UH Q2ASCPU Q2ACPU A173UHCPU A173UH A273UH Q2ASCPU Q2ACPU A273UHCPU A273UH A273UH Q2ACPU Q2ACPU A273UHCPU A273UH	Q100UDEHCPU	Q100UDEHCPU	—	FX1NC	FX1N	FX1N
QU2HCPU-A QU2HCPU QU2HCPU-A FXzc FXu/FXzc FXu/FXzc Q06HCPU-A Q06HCPU-A FXzn FXzn/FXznc FXzn/FXznc FXzn/FXznc L02CPU L02CPU - FXzn/FXznc FXzn/FXznc FXzn/FXznc L26CPU-BT L26CPU-BT - FXasc FXsuc FXzn/FXznc Q3001CPU Q3001CPU - FXasc FXsuc FXsuc FXsuc Q2ACPU Q2ACPU Q2ACPU A171SHCPU A171SH A171SH Q2ACPU Q2ACPU Q2ACPU A172SHCPU A172SH A172SH Q2ASCPU Q2ACPU Q2ACPU A173UHCPU A173UHCPU A173UHCPU Q2ASCPU Q2ACPU Q2ACPU A273UHCPU A173UHCPU A173UHCPU Q2ASCPU Q2ACPU Q2ACPU Q2ACPU A273UHCPU A273UH A273UH Q2ASCPU Q2ACPU Q2ACPU A273UHCPU A273UH A273UH A273UH Q2ASCPU Q2ACPU Q2ACPU A273UHCPU-S1	Q02CPU-A	Q02CPU	Q02CPU-A	FXu	FXU/FX2C	FXU/FX2C
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Q02HCPU-A	Q02HCPU	Q02CPU-A	FX _{2C}	FXU/FX2C	FXU/FX2C
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Q06HCPU-A	Q06HCPU	Q06HCPU-A	FX2N	FX2N/FX2NC	FX2N/FX2NC
L26CPU-BI L26CPU-BI — FX3G			—	FX2NC	FX2N/FX2NC	FX2N/FX2NC
Q12DCCPU-V Q12DCCPU-V — FX3U FX3UC FX3UC FX3UC QS001CPU Q2ACPU Q2ACPU A171SH FX3UC FX3UC FX3UC Q2ACPU Q2ACPU Q2ACPU A171SH A171SH A171SH Q2ACPU-S1 Q2ACPU Q2ACPU A172SHCPU A173UHCPU A173UH Q2ASCPU Q2ACPU Q2ACPU A173UHCPU A173UHCPU A173UH Q2ASCPU-S1 Q2ACPU Q2ACPU A173UHCPU-S1 A173UH A273UH Q2ASCPU-S1 Q2ACPU Q2ACPU A273UHCPU A273UH A273UH Q2ASCPU Q2ACPU Q2ACPU A273UHCPU-S3 A273UH A273UH QASCPU Q2ACPU Q2ACPU-S1 A273UHCPU-S3 A273UH A273UH QAACPU Q2ACPU Q2ACPU-S1 A273UHCPU-S3 A273UH A273UH QAACPU Q3ACPU Q3ACPU A70BDE-J71QLP23(GE) A70BDE-J71QLP23 Q4ACPU Q4ACPU A70BDE-J71QLP23 A70BDE-J71QBR13			—		FX3G	FX3G
Q3001CPU Q3001CPU — PA30C <				FA30	FX3UC	FX3UC
QZACPUQZACPUAZACPUATT Shi CPUATT Shi CPUATT Shi CPUQZACPU-S1QZACPU-S1QZACPU-S1AT72SHCPUAT72SHAT72SHQZASCPUQZACPUQZACPUAT73UHCPUAT73UHCPUAT73UHQZASCPU-S1QZACPU-S1QZACPU-S1AT73UHCPU-S1AT73UHQZASHCPUQZACPUQZACPUAZ73UHCPU-S1AT73UHQZASHCPUQZACPUQZACPUAZ73UHCPU-S3AZ73UHQZASHCPU-S1QZACPU-S1QZACPU-S1AZ73UHCPU-S3AZ73UHQZACPUQZACPUQZACPUAT0BDE-J71QLP23QACPUQACPUQACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUAT0BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUAT0BDE-J71QLP23Q12HCPUA1SA1SA80BDE-J61BT11A1SCPUA1SA1SQ80BD-J71LP21-25A1SCPU-S1A1SA1SQ80BD-J71LP21-25A1SHCPU <td< td=""><td></td><td></td><td></td><td></td><td></td><td>A 1710U</td></td<>						A 1710U
Q2ACPUQ2ACPUQ2ACPUA172SHCPUA172SHA172SHQ2ASCPUQ2ACPUQ2ACPUA173UHCPUA173UHCPUA173UHCPUQ2ASCPU-S1Q2ACPU-S1Q2ACPUA173UHCPUA173UHCPUA173UHQ2ASCPUQ2ACPUQ2ACPUA273UHA173UHCPUA173UHQ2ASHCPUQ2ACPUQ2ACPUA273UHA273UHA273UHQ2ASHCPU-S1Q2ACPU-S1A273UHCPUA273UHA273UHQ2ASHCPUQ2ACPUQ2ACPUA273UHCPUA273UHQ3ACPUQ3ACPUQ3ACPUA70BDE-J71QLP23(GE)A70BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QBR13A70BDE-J71QBR13Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QLR23Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QLR23Q4ACPUQ4ACPUQ4ACPUA70BDE-J61BT11A0J2HCPUA0J2HA0J2HA80BDE-J61BT11A1SCPUA1SA1SA80BDE-J61BT13A80BDE-J61BT13A1SCPU-S1A1SA1SQ80BD-J71LP21-25Q80BD-J71LP21-25A1SCPUA1SA1SQ80BD-J71LP21-25Q80BD-J71LP21-25A1SHCPUA1SA1SQ80BD-J71BR11Q80BD-J71BR11A1SJCPUA1SA1SQ80BD-J71BR11Q80BD-J71BR11A1SJCPUA1SA1SHQ81BD-J71GF11-T2A1SHCPUA1SHA1SHQ81BD-J71GF11-T2A1SHCPUA1SHA1SHQ81BD-J71GF11-T2A1SHCPUA1					A1710H	A1713H
QZACPUQZACPUQZACPUATTSUTCPUATTSUTCPUATTSUTCPUATTSUTCPUATTSUTCPUQZASCPU-S1QZACPU-S1QZACPU-S1ATTSUTCPUATTSUTCPU-S1ATTSUTCPU-S1ATTSUTCPU-S1ATTSUTCPU-S1QZASHCPUQZACPU-S1QZACPU-S1AZTSUHCPU-S3AZTSUHAZTSUHAZTSUHQZACPUQZACPUQZACPU-S1AZTSUHCPU-S3AZTSUHAZTSUHQZACPUQZACPUQZACPUATOBDE-JT1QLP23(GE)ATOBDE-JT1QLP23Q4ACPUQ4ACPUQ4ACPUATOBDE-JT1QR13ATOBDE-JT1QR13Q4ACPUQ4ACPUQ4ACPUATOBDE-JT1QLR23ATOBDE-JT1QLR23Q4ACPUQ4ACPUQ4ACPUATOBDE-JT1QLR23ATOBDE-JT1QLR23A0J2HCPUQ4ACPUQ4ACPUATOBDE-J61BT11A0J2HCPUA0J2HA0J2HA80BDE-J61BT11A80BDE-J61BT13A1SCPUS1A1SA1SA80BDE-J61BT13A80BDE-J61BT13A1SCPU24-R2A1SA1SA80BDE-J71LP21-25Q80BD-J71LP21-25A1SHCPUA1SHA1SHQ80BD-J71LP21GQ80BD-J71LP21GA1SJCPUA1SA1SQ80BD-J71BR11Q80BD-J71GF11-T2A1SJHCPUA1SHA1SHQ81BD-J71GF11-T2Q81BD-J71GF11-T2A1NCPUA1NA1NGOT*1A2CCPUA2CA2C*1Display the product model number of GOT						A1720H
QZASHCPUQZACPUQZACPUAZ73UHCPUAZ73UHAZ73UHQZASHCPU-S1QZACPU-S1QZACPU-S1AZ73UHCPU-S3AZ73UHAZ73UHQ3ACPUQ3ACPUQ3ACPUA70BDE-J71QLP23(GE)A70BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QBR13AT0BDE-J71QBR13Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QLR23A70BDE-J71QLR23Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QLR23A0J2HCPUQ4ACPUQ4ACPUA70BDE-J61BT11A0J2HCPUA0J2HA0J2HA80BDE-J61BT11A1SCPU-S1A1SA1SA80BDE-J61BT13A80BDE-J61BT13A1SCPU-S1A1SA1SA80BDE-J71LP21-25Q80BD-J71LP21-25A1SCPU-S1A1SA1SQ80BD-J71LP21-25Q80BD-J71LP21-25A1SLCPUA1SHA1SHQ80BD-J71BR11A1SLCPUA1SA1SQ80BD-J71BR11A1SLCPUA1SA1SQ80BD-J71BR11A1SLCPUA1SHA1SHQ80BD-J71BR11A1SLCPUA1SHA1SHQ81BD-J71GF11-T2A1NCPUA1SHA1SHQ81BD-J71GF11-T2A1NCPUA1NA1NGOT*1A2CCPUA2CA2C*1Display the product model number of GOT						A173UH
QZASHCPUQZACPUS1QZACPUS1AZ730HCPUS3AZ730HAZ730HQ3ACPUQ3ACPUQ3ACPUA70BDE-J71QLP23(GE)A70BDE-J71QLP23Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QBR13A70BDE-J71QBR13Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QLR23A70BDE-J71QLR23Q4ACPUQ4ACPUQ4ACPUA70BDE-J71QLR23A0J2HCPUQ4ACPUQ4ACPUA70BDE-J61BT11A0J2HCPUA0J2HA0J2HA80BDE-J61BT11A1SCPUA1SA1SA80BDE-J61BT13A80BDE-J61BT13A1SCPUS1A1SA1SA80BDE-J71LP21-25Q80BD-J71LP21-25A1SCPU24-R2A1SA1SQ80BD-J71LP21-25Q80BD-J71LP21-25A1SLCPUA1SA1SA1SQ80BD-J71LP21-25A1SLCPUA1SA1SQ80BD-J71BR11A1SLCPUA1SA1SQ80BD-J71BR11A1SLCPUA1SA1SQ80BD-J71BR11A1SLCPUA1SHA1SHQ81BD-J71GF11-T2A1NCPUA1NA1NGOT*1A2CCPUA2CA2C*1Display the product model number of GOT					A1730HCF0-31	A1730H
Q3ACPU Q3ACPU Q3ACPU A70BDE-J71QLP23(GE) A70BDE-J71QLP23					A273UH	A273UH
Q4ACPU Q4ACPU Q4ACPU A70BDL-071QBR13 A70BDL-071QLR23 A70BDL-071QLR23 Q4ACPU Q4ACPU Q4ACPU A70BDL-J71QLR23 A70BDL-J71QLR23 — Q4ACPU Q4ACPU Q4ACPU A70BDL-J71QLR23 A70BDL-J71QLR23 — A0J2HCPU Q4ACPU Q4ACPU A70BDL-J71QLR23 A70BDL-J71QLR23 — A0J2HCPU A0J2H A0J2H A0J2H A80BDL-J61BT11 A80BDL-J61BT11 — A1SCPU A1S A1S A80BDL-J61BT13 A80BDL-J61BT13 — A1SCPU-S1 A1S A1S A80BDL-J71LP21-25 Q80BD-J71LP21-25 — A1SCPUC24-R2 A1S A1S Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SHCPU A1SH A1SH Q80BD-J71LP21G Q80BD-J71LP21G — A1SJCPU A1S A1S Q80BD-J71BR11 Q80BD-J71BR11 — A1SJCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1NCPU A1SH A1SH Q81				A70BDE-17101 P23(GE)	A70BDE- 1710L P23	A275011
Q4ACPU Q4ACPU Q4ACPU A70BDE-J71QLR23 A70BDE-J71QLR23				A70BDE-1710BR13	A70BDE-071QEF20	
A0J2HCPU A0J2H A0J2H A80BDE-J61BT11 A80BDE-J61BT11 — A1SCPU A1S A1S A80BDE-J61BT13 A80BDE-J61BT13 — A1SCPUS1 A1S A1S A80BDE-J61BT13 A80BDE-J61BT13 — A1SCPUS1 A1S A1S A80BDE-J61BT13 A80BDE-J61BT13 — A1SCPUS1 A1S A1S A80BDE-J61BT13 — — A1SCPUS1 A1S A1S A80BDE-J71LP21-25 Q80BD-J71LP21-25 — A1SHCPU A1SH A1SH Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SLCPU A1SH A1SH Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SJCPU A1S A1S Q80BD-J71LP21G Q80BD-J71LP21G — A1SJCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1SJHCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1NCPU A1N A1N GOT *1 —				A70BDE-1710LR23	A70BDE-07 1QBR10	
Atschul Atschul <t< td=""><td>A0.12HCPU</td><td>A0.12H</td><td>A0.12H</td><td>A80BDF-161BT11</td><td>A80BDF-161BT11</td><td></td></t<>	A0.12HCPU	A0.12H	A0.12H	A80BDF-161BT11	A80BDF-161BT11	
A1SCPU-S1 A1S A1S A80BDE-doib110 A2USH-S1 — A1SCPU-S1 A1S A80BDE-A2USH-S1 A2USH-S1 — A1SCPUC24-R2 A1S A1S Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SHCPU A1SH A1SH Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SLCPU A1SH A1SH Q80BD-J71LP21G Q80BD-J71LP21G — A1SJCPU A1S A1S Q80BD-J71BR11 Q80BD-J71BR11 — A1SJHCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1SUCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1NCPU A1N A1N GOT *1 — A2CCPU A2C A2C *1 Display the product model number of GOT	AISCPU	A1S	A1S	A80BDF-161BT13	A80BDF-161BT13	
A1SCPUC24-R2 A1S A1S Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SCPU A1SH A1SH Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SHCPU A1SH A1SH Q80BD-J71LP21-25 Q80BD-J71LP21-25 — A1SHCPU A1SH A1SH Q80BD-J71BR11 Q80BD-J71BR11 — A1SJCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1SJHCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1SCPU A1N A1N GOT *1 — A2CCPU A2C A2C *1: Display the product model number of GOT	A1SCPU-S1	A1S	A1S	A80BDF-A2USH-S1	A2USH-S1	_
A1SHCPU A1SH A1SH Q80BD-J71LP21G Q80BD-J71LP21G — A1SHCPU A1S A1S Q80BD-J71BR11 Q80BD-J71BR11 — A1SJCPU A1S A1S Q80BD-J71BR11 Q80BD-J71BR11 — A1SJHCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1NCPU A1N A1N GOT *1 — A2CCPU A2C A2C *1: Display the product model number of GOT	A1SCPUC24-R2	A1S	A1S	Q80BD-J71LP21-25	Q80BD-J71I P21-25	_
A1SJCPU A1S A1S Q80BD-J71BR11 Q80BD-J71BR11 — A1SJCPU A1S A1S Q80BD-J71BR11 Q80BD-J71BR11 — A1SJCPU A1SH A1SH Q81BD-J71BR11 Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1NCPU A1N A1N GOT *1 — A2CCPU A2C A2C *1: Display the product model number of GOT	A1SHCPU	A1SH	A1SH	Q80BD-J71LP21G	Q80BD-J71I P21G	<u> </u>
A1SJHCPU A1SH A1SH Q81BD-J71GF11-T2 Q81BD-J71GF11-T2 — A1NCPU A1N A1N GOT *1 — A2CCPU A2C A2C *1: Display the product model number of GOT	A1SJCPU	A1S	A1S	Q80BD-J71BR11	Q80BD-J71BR11	<u> </u>
A1NCPU A1N A1N GOT *1 — A2CCPU A2C A2C *1: Display the product model number of GOT	A1SJHCPU	A1SH	A1SH	Q81BD-J71GF11-T2	Q81BD-J71GF11-T2	_
A2CCPU A2C A2C *1: Display the product model number of GOT	A1NCPU	A1N	A1N	GOT	*1	_
	A2CCPU	A2C	A2C	*	1: Display the product r	model number of GOT

(a) Type character string list

- 1) When access is made from the C24, E71 or MELSECNET(II) board to the AnUCPU, QnACPU, QCPU (A mode) or A273UHCPU(-S3), the AnACPU-equivalent model name character string (A2A, A3A) is returned.
- 2) When access is made from the C24, UC24 or E71 to the AnNCPU, the AnNCPU-equivalent model name character string (A1N, A2N, A3N) is returned.

However, this does not apply to the following two cases.

- When access is made from the C24 or E71 to the A1S or A1SJ, the model name character string of the A0J2H is returned.
- When access is made from the UC24 to the A1S or A1SJ, the model name character string of the A1S is returned.
- 3) When access is made from the UC24 to the Q4ACPU, the model name character string of the Q3ACPU is returned.
- 4) When access is made from the QE71 to the QnACPU, the model name character string of the Q4ACPU is returned. 1) When access is made from the C24, E71 or MELSECNET(II) board to the AnUCPU, QnACPU, QCPU (A mode) or A273UHCPU(-S3), the AnACPU-equivalent model name character string (A2A, A3A) is returned.

	Type Code		Type Code		Code
CPU/Network	When CPU/own	When GX Simulator		When CPU/own	When GX Simulator
Board/GOT Type	board is connected	is connected	Board/GOT Type	board is connected	is connected
O00.ICPU	250H	250H	A2CCPUC24	ОДн	ΩΔн
Q00UJCPU	260H		A2CCPUC24-PRF	9AH	9AH
ONCPU	2514	251⊔		ОДЦ	<u>9</u> Дц
	261H		A2NCPU	<u>А</u> 2н	<u>А2н</u>
	2524	252⊔		Δ2μ	Δ2μ
	2620	2320		A2n	A20
	2028	41		A2H	A2H
	41H	418		A2H	A2H
	418	418		ASH	A 2H
	42H	42H	A2300FU-31	A3H 02u	
	43H	438		92H	92H
	44H	44H		93H	93H
	41H			92H	93H
QU6PHCPU	42H	-	AZACPUP21/R21-S1	93H	93H
	43H	43H	AZUCPU	82H	82H
Q25PHCPU	44H	44H	A2UCPU-S1	83H	83H
Q12PRHCPU	4Bн	<u>4</u> Вн	A2USCPU	82H	82H
Q25PRHCPU	4Сн	4Сн	A2USCPU-S1	83н	82H
Q02UCPU	263н		A2ASCPU	82н	82н
Q03UDCPU	268н	—	A2ASCPU-S1	82н	82н
Q04UDHCPU	269н	—	A2ASCPU-S30	94н	84н
Q06UDHCPU	26Ан	_	A2USHCPU-S1	84н	84н
Q10UDHCPU	266н	_	A3NCPU	АЗн	АЗн
Q13UDHCPU	26Вн		A3ACPU	94н	94H
Q20UDHCPU	267н	-	A3ACPUP21/R21	94н	94н
Q26UDHCPU	26Сн	—	A3UCPU	84н	84н
Q03UDECPU	268н	—	A4UCPU	85н	85H
Q04UDEHCPU	269н	_	A1FXCPU	А2н	A2H
Q06UDEHCPU	26Ан	_	FX₀	F0н	F0н
Q10UDEHCPU	266н	_	FX ₀ s	F0 н	F0н
Q13UDEHCPU	26Вн	_	FXON	8Ен	8Ен
Q20UDEHCPU	267н	_	FX ₁	F1н	F1H
Q26UDEHCPU	26CH	_	FX _{1S}	F2H	F2H
Q50UDEHCPU	26DH		FX _{1N}	9Ен	9Eн
Q100UDFHCPU	26EH	_	FX1NC	9Fн	9Fн
Q02CPU-A	141 _H	141 _H	FX	8DH	8DH
	141 _H	141µ	FX _{2C}	8DH	8DH
	142µ	1424	FX2N		
	541µ		FX2NC		
L 26CPULBT	542H		FX _{2C}	F4H	-
	20420		EYau	E211	
	20436		FYauc	F3u	F3u
	2308	21		Δ3μ	
	218	218		A3H	A3H
	22H	22H		A3H 9411	A3H 9411
	21H	21H		04H	04H
	22H	22H		04H	04H
QZASHCPU	21H	21H	A273UHCPU	84H	84H
QZASHCPU-S1	22H	22H	AZ73UHCPU-S3	84H	84H
Q3ACPU	23H	23H	A70BDE-J71QLP23(GE)	90H	—
Q4ACPU	24H	24H	A/UBDE-J/1QBR13	90H	—
Q4ARCPU	24н	24н	A/UBDE-J71QLR23	90H	—
A0J2HCPU	98н	98н	A80BDE-J61BT11	90н	—
A1SCPU	98н	98н	A80BDE-J61BT13	90н	—
A1SCPU-S1	98н	98н	A80BDE-A2USH-S1	84н	—
A1SCPUC24-R2	98н	98н	Q80BD-J71LP21-25	90н	—
A1SHCPU	АЗн	АЗн	Q80BD-J71LP21G	90н	
A1SJCPU	98н	98н	Q80BD-J71BR11	90н	—
A1SJHCPU	АЗн	АЗн	Q81BD-J71GF11-T2	90н	—
A1NCPU	А1н	А1н	GOT	Е340н	—

(b) Type code list

A2CCPU

9Ан

9Ан

- 1) When using the TCP/IP of the E71 or QE71, refer to the manual of the corresponding module.
- 2) When access to the AnUCPU, QnACPU, QCPU (A mode) or A273UHCPU(-S3) is made from the C24 or E71, the type code equivalent to that of the AnACPU is returned. (92H, 93H, 94H)
- 3) When access to the AnUCPU, QnACPU, QCPU (A mode) or A273UHCPU(-S3) is made from the C24, E71 or UC24 via the network, the type code equivalent to that of the AnACPU is returned. (92H, 93H, 94H)
- 4) When access to the AnUCPU, QCPU (A mode) or A273UHCPU(-S3) is made from the AnNCPU or AnACPU via the network by CPU COM communication, the type code equivalent to that of the AnACPU is returned. (92H, 93H, 94H)
- 5) When access to the QnACPU or QCPU (A mode) is made from the CPU board, the type code equivalent to that of the AnACPU (92H, 93H, 94H) is returned for the QnACPU or the type code equivalent to that of the A4UCPU (85H) is returned for the QCPU (A mode).
- 6) When access to the QCPU (A mode) is made from the UC24, the type code equivalent to that of the A4UCPU (85H) is returned.
- 7) When access to the QCPU (A mode) is made from the CC-Link G4 module, the type code equivalent to that of the A4UCPU (85H) is returned.

(6) Returned value

Normal termination: 0 is returned.Normal termination: Abnormal termination: A value other than 0 is returned.
(Refer to Chapter 6 ERROR CODES.)

4.2.14 SetCpuStatus (Remote control)

(1) Applicable ACT controls

The applicable ACT controls are indicated below.

Control Name	Usability	Control Name	Usability
ActEasyIF, ActMLEasyIF	O *1 , * 2	ActFX485BD, ActMLFX485BD	○*4○*5
ActQJ71E71TCP, ActMLQJ71E71TCP	O*2	ActFXCPUUSB, ActMLFXCPUUSB	0
ActQJ71E71UDP, ActMLQJ71E71UDP	O*2	ActQCPUQUSB, ActMLQCPUQUSB	O *2
ActLCPUTCP, ActMLLCPUTCP	0	ActLCPUUSB, ActMLLCPUUSB	0
ActLCPUUDP, ActMLLCPUUDP	0	ActCCG4Q, ActMLCCG4Q	O *2
ActAJ71QE71TCP, ActMLAJ71QE71TCP	○*3	ActCCG4QnA, ActMLCCG4QnA	0
ActAJ71QE71UDP, ActMLAJ71QE71UDP	0	ActCCG4A, ActMLCCG4A	0
ActAJ71E71TCP, ActMLAJ71E71TCP	○*3	ActMnet10BD, ActMLMnet10BD	○*2, *6
ActAJ71E71UDP, ActMLAJ71E71UDP	0	ActMnetHBD, ActMLMnetHBD	○*2, *6
ActQNUDECPUTCP, ActMLQNUDECPUTCP	O *2	ActMnetGBD, ActMLMnetGBD	○*2, *6
ActQNUDECPUUDP, ActMLQNUDECPUUDP	O*2	ActCCIEFBD, ActMLCCIEFBD	0
ActCCIEFADPTCP, ActMLCCIEFADPTCP	0	ActCCBD, ActMLCCBD	○*2, *6
ActCCIEFADPUDP, ActMLCCIEFADPUDP	0	ActAnUBD, ActMLAnUBD	○*7
ActQCPUQ, ActMLQCPUQ	O*2	ActLLT, ActMLLLT	0
ActLCPU, ActMLLCPU	0	ActSIM, ActMLSIM	0
ActQCPUA, ActMLQCPUA	0	ActQCPUQBus, ActMLQCPUQBus	0
ActQnACPU, ActMLQnACPU	0	ActA6TEL, ActQ6TEL, ActFXCPUTEL,	
ActACPU, ActMLACPU	0	ActQ71C24TEL, ActLJ71C24TEL,	0
ActFXCPU, ActMLFXCPU	○*4, *5	ActAJ71QC24TEL	
ActQJ71C24, ActMLQJ71C24	O*2	ActGOT, ActMLGOT	×
ActLJ71C24, ActMLLJ71C24	0	ActGOTTRSP, ActMLGOTTRSP	0
ActAJ71QC24, ActMLAJ71QC24	0	ActSupport, ActMLSupport	×
ActAJ71UC24, ActMLAJ71UC24	○*4	: Usable	\times : Unusable
ActAJ71C24. ActMLAJ71C24	○*4		

*1: Depending on the communication path (Ethernet communication, MELSECNET/10 communication, etc.), there will be restrictions as placed on the corresponding communication path controls.

- *2: An error is returned if access to the QSCPU is made.
- *3: An error is returned when remote operation is performed for the own station.
- *4: An error is returned if PAUSE specification is made. *5: An error is returned if the CPU is other than FX1N, FX1NC, FX2N, FX2NC, FX3U and FX_{3UC}.
- *6: An error is returned when own board access is made.
- *7: When access to the QnACPU is made via the MELSECNET/10 or MELSECNET(II), making PAUSE specification for the QnACPU results in an error.

(2) Feature

Performs remote operation of the programmable controller CPU.

(3) Format

Visual Basic® 6.0,	VBA : IRet = o	bject.SetCpuStatus(IOperation)	
Long	lRet	Returned value	Output
Long	IOperation	Remote RUN/STOP/PAUSE	Input
Visual C++® 6.0, V	/isual C++® .NE	ET(MFC) : IRet = object.SetCpuStat (IOperation)	US
Long	IRet	Returned value	Output
Long	IOperation	Remote RUN/STOP/PAUSE	Input
VBScript : varRet : VARIANT VARIANT	= object.SetCp varRet varOperation	uStatus(varOperation) Returned value(LONG type) Remote RUN/STOP/PAUSE (LONG type)	Output Input
Visual Basic® .NE	T : IRet = objec	ct.SetCpuStatus(IOperation)	
Integer	IRet	Returned value	Output
Integer	IOperation	Remote RUN/STOP/PAUSE	Input
Visual C++® .NET	: iRet = object.	SetCpuStatus (iOperation)	
int	iRet	Returned value	Output
int	iOperation	Remote RUN/STOP/PAUSE	Input

(4) Explanation

(a) The operation specified in IOperation (varOperation) is performed. Specifying any value other than the following will result in an error.

Value	Operation
0	Remote RUN
1	Remote STOP
2	Remote PAUSE

(5) Returned value

Normal termination : 0 is returned.

Abnormal termination : A value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

Since the FXCPU does not have the PAUSE switch as the programmable controller CPU, an error is returned if remote pause is specified in SetCpuStatus.

4.2.15 EntryDeviceStatus (Device status monitor registration)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Registers devices whose statuses will be monitored.

(3) Format

Visual Basic[®] 6.0, VBA : IRet = object.EntryDeviceStatus(szDeviceList, ISize, IMonitorCvcle, IData(0))

			IMonitorCy	/cle, IData(0)
	Long	IRet	Returned value	Output
	String	szDeviceList	Registered device name list	Input
	Long	ISize	Number of registered device points	Input
	Long	IMonitorCycle	Status monitor time interval	Input
	Long	IData(n)	Registered device value list	Input
Visual	C++® 6.0,	Visual C++® .NE	T(MFC) : IRet = object.EntryDevice	Status
			(szDeviceList, ISiz	ze,
			IMonitorCycle, *I	olData)
	Long	IRet	Returned value	Output
	CString	szDeviceList	Registered device name list	Input
	Long	ISize	Number of registered device points	Input
	Long	IMonitorCycle	Status monitor time interval	Input
	Long	*lplData	Registered device value list	Input
VBSc	ript: varRet	= object.EntryDe	eviceStatus(varDeviceList, varSize,	
			varMonitorCycle, va	arData)
	VARIANT	varRet	Returned value(LONG type)	Output
	VARIANT	varDeviceList	Registered device name list (BSTR type)	Input
	VARIANT	varSize	Number of registered device points (LONG type)	Input
	VARIANT	varMonitorCycle	Status monitor time interval (LONG type)	Input
	VARIANT	varData	Registered device value list (LONG type)	Input
Visual	Basic [®] NF	T · IRet = object	t EntrvDeviceStatus(szDeviceList_L	Size
rioda			IMonitorCycle	, IData(0))
	Integer	IRet	Returned value	Output
	String	szDeviceList	Registered device name list	Input
	Integer	ISize	Number of registered device points	Input
	Integer	IMonitorCycle	Status monitor time interval	Input
	Integer	IData(n)	Registered device value list	Input
Visual	C++® .NET	⊺ : iRet = object.l	EntryDeviceStatus(szDeviceList, iS	ize,
			iMonitorCycle,	∗iplData)
	int	iRet	Returned value	Output
	String	*szDeviceList	Registered device name list	Input
	int	iSize	Number of registered device points	Input
	int	iMonitorCycle	Status monitor time interval	Input
	int	*iplData	Registered device value list	Input

(4) Explanation

- (a) Check whether ISize (varSize) of the device group specified in szDeviceList (varDeviceList) is in the status specified in IData (lpIData or varData).
 Specify the check time in IMonitorCycle (varMonitorCycle).
 When the status is established, the OnDeviceStatus function of the user application is executed.
- (b) Using the line feed symbol, separate the devices in the character string specified in the device list.

The last device need not be followed by the line feed symbol. (Example)

Visual Basic[®] , VBA, VBScript : "D0" & vbLf & "D1" & vbLf & "D2" Visual C++[®] : D0\nD1\nD2

- (c) The maximum number of device points that may be specified in ISize (varSize) is 20 points.
- (d) In IMonitorCycle (varMonitorCycle), specify a value within the range 1 second to 1 hour (set between 1 to 3600 in seconds).
- Specifying any other value outside the above range will result in an error.
- (e) Store the registered device value list in IData (lpIData or varData).

(5) Device specifying methods

Specify the devices in the following methods.

(Example 1) When devices are specified as follows (3 points) When using Visual Basic[®], VBA, VBScript : M0 & vbLf & D0 & vbLf & K8M0 When using Visual C++[®] : M0\nD0\nK8M0

2 Upper Bytes	2 Lower Bytes
*1	M0
*1	D0
M16 to M31*2	M0 to M15*2

(Example 2) When devices including CN200 and later of FXCPU are specified (3 points in all) *3

When using Visual Basic® , VBA, VBScript: D0 & vbLf & CN200 & vbLf & D1When using Visual C++®: D0\nCN200\nD1

2 Upper Bytes	2 Lower Bytes
*1	D0
H of CN200	L of CN200
*1	D1

(Example 3) When devices including FD are specified (3 points in all)

When using Visual Basic [®] , VBA, VBScript	: D0 & vbLf & FD0 & vbLf & D1
When using Visual C++®	: D0\nFD0\nD1

2 Upper Bytes	2 Lower Bytes
*1	D0
*1	LL of FD0
*1	D1

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(Example 4) When 8-bit devices including EG have been specified (a total of 3 points)

> The following example assumes that 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0.

When using Visual Basic®, VBA, VBScript : D0 & vbLf & EG0 & vbLf & D1 When using Visual C++®

: D0\nEG0\nD1

2 Upper Bytes	2 Lower Bytes	
*1	D0	
*1	EG0	
	(E0001)	(E0000)
*1	D1	

*1: Not used. (0 is stored.)

*2: Lower bits are stored in device number order.

*3: For CN200 or later of FXCPU, 2 words are read from 1 point by random read.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

(7) Instructions for checking the word device status

When checking the word device status for a negative value of -1 to -32768 (FFFFH to 8000H), set the monitor device value of EntryDeviceStatus to any of 65535 to 32768 (0000FFFFн to 00008000н) where "0"s are stored in the upper 2 bytes.

While the word device of the programmable controller CPU is of WORD type, the monitor device value of EntryDeviceStatus is of LONG type. Therefore, when the current value of the programmable controller CPU is compared with the monitor device value of EntryDeviceStatus, they do not become the same value and the above setting is required. (When a bit device or double word device is used, this instruction does not apply.)

For the programming example on this instruction, refer to "Appendix 2 Programming Example for Checking the Word Device Status".

(Example) When checking the D0 status for "-10"

As the monitor device value, set the value "65526 (0000FFF6H)" where "0"s are stored in the upper 2 bytes of "-10 (FFFFFF6H)".

PUINT					~ • • • • •		
(1) Device s	(1) Device status monitoring may not be performed at the specified status monitor						
time inte	rvals dep	pending on suc	h conditions	as the personal	computer		
performa	ance, cur	rently executed	application	load, and time r	equired for		
commun	ication w	ith the program	nmable cont	roller.			
Simultan	neous use	e of any other A	ACT control f	function would a	lso be the cause of		
disabling	g device s	status monitorir	ng at the spe	ecified status mo	nitor time intervals.		
(2) For IData	a (IplData	a or IpvarData),	prepare a n	nemory area hav	ing the number of		
points sp	pecified ir	ו ISize (varSize	e).				
lf no mei	mory are	a is available, a	a serious ph	enomenon such	as an application		
error ma	y occur.						
(3) Executio	on of Entr	yDeviceStatus	during statu	s monitoring will	result in an error.		
When ch	nanging a	any status mon	itor conditior	n, execute FreeD	DeviceStatus and		
then exe	cute Ent	ryDeviceStatus	i.				
(4) If the sta	tuses of	multiple device	s change at	the same time,	the OnDeviceStatus		
event is	executed	l every time the	e status char	nges.			
(Example	e: When	M0 is monitore	ed)				
Ap	plication		MX Compone	nt	Programmable		
				M0 M1 read requests	controller		
				M0_M1_contents			
				• •			
				:			
				M0, M1 read requests			
Ex	ecution of	Event notice(M0)		M0, M1 contents			
OnD	eviceStatus event	≺			M0 OFF		
				M0, M1 read requests			
				M0, M1 contents	M0,M1 ON!		
Ex OnD	ecution of eviceStatus	Event notice(M0) ◄					
	event						
Ex OnD	ecution of eviceStatus						
	event			J			
	.						
(5) With this function, the ACT control performs device random read periodically							
and confirms that the status has been established.							
Therefore, this function is not designed for the programmable controller CPU to							
notity MX Component that the device status has been established.							
Hence, depending on the specified status monitor time interval, the ACT control							
may not be able to confirm that the programmable controller CPU device status							
has been established.							

4.2.16 FreeDeviceStatus (Device status monitor deregistration)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Deregisters the devices that have been registered in EntryDeviceStatus to monitor statuses.

(3) Format

Visual Basic [®] 6.0, Visual C++ [®] 6.0, Visual C++ [®] .NET(MFC), VBA : lRet = object.FreeDeviceStatus()						
	Long	lRet	Returned value	Output		
VBScript : varRet = object.FreeDeviceStatus()						
	VARIANT	varRet	Returned value (LONG type)	Output		
Visual Basic [®] .NET : IRet = object.FreeDeviceStatus()						
	Integer	IRet	Returned value	Output		
Visual C++ [®] .NET : iRet = object. FreeDeviceStatus()						
	int	iRet	Returned value	Output		

(4) Explanation

The devices that have been set by the EntryDeviceStatus function to monitor statuses are deregistered.

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)
4.2.17 OnDeviceStatus (Announces event)

- (1) Applicable ACT controls This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Gives event notice when the device condition registered with the EntryDeviceStatus function holds.

(3) Format

Visual Basic® 6.0,VBA	: object.OnDe	eviceStatus(szDevice, IData, IRe	turnCode)	
String	szDevice	Name of device whose condition has held	Input	
Long	IData	Value of device whose condition has held	Input	
Long	IReturnCode	Returned value of condition check processing	Input	
Visual C++® 6.0, Visua	I C++® .NET(I	MFC) : object.OnDeviceStatus(*	kszDevice,	
		IData, IReti	urnCode)	
LPCTSTR	*szDevice	Name of device whose condition has held	Input	
Long	IData	Value of device whose condition has held	Input	
Long	IReturnCode	Returned value of condition check processing	Input	
VBScript : object.OnDe	eviceStatus(va	arDevice, varData, varReturnCoo	de)	
VARIANT varDevice		Name of device whose condition has held(BSTR type)	Input	
VARIANT	varData	Value of device whose condition has held(LONG type)	Input	
VARIANT	varReturnCode	Returned value of condition check processing(LONG type)	Input	
Visual Basic® .NET : P	rivate Sub Ax	ActEasvIF1 OnDeviceStatus(Bv	Val sender	
A	s System.Obj	iect, ByVal e As AxACTMULTILi	b.	
	IActEasyIFEv	ents OnDeviceStatusEvent)		
– ByVal sen	der As System.	.Object Event occurrence source	Input	
ByVal e As A	xACTMULTILit	oIActEasyIFEvents_OnDeviceSta	tusEvent	
Onl	DeviceStatus	Event data	Input	
The da	ta e members c	of the OnDeviceStatus event are as	follows.	
e.szDevice		Name of device whose condition h	nas held	
e.IF	ReturnCode	Value of device whose condition h	nas held	
e.IData Returned value of condition check processing			processing	
Visual C++ [®] .NET : private: System::Void axActEasyIF1_OnDeviceStatus				
(System::Object * sender, AxInterop::ACTMULTILib::				
_IActEasyIFEvents_OnDeviceStatusEvent * e)				
System::Obje	ect * sender	Event occurrence source	Input	
AxInterop::ACTMULTILib::_IActEasyIFEvents_OnDeviceStatusEvent * e				
Onl	DeviceStatus	Event data	Input	
The da	ta e members c	of the OnDeviceStatus event are as	follows.	
e->szDevice Name of device whose condition has held				
e	->IReturnCode	Value of device whose condition h	nas held	
e	->IData	Returned value of condition check	processing	

(4) Explanation

(a) The application is notified of an event when the device condition registered with the EntryDeviceStatus function holds.

Placing this function in the user application allows the application to receive the event when the registered device condition holds.

- (b) The device value registered to EntryDeviceStatus enters IData (varData). (Example) When the word device is checked for the value "-1"
 - Set 65535 (0000FFFFH) in EntryDeviceStatus as a registered device value.

When the value of the target word device of the programmable controller CPU becomes "-1" (FFFFH), OnDeviceStatus is executed and (0000FFFFH) enters IData (varData).

(5) Returned value

None

POINT

 When the following setting has been made in the user application, the event of OnDeviceStatus does not occur if the condition of the device registered to the EntryDeviceStatus function is established.
 Note that when the user application is put in an event occurrence waiting state,

control will not return to the ACT control and device management processing will stop until the following setting is terminated.

- (1) User application created using Visual Basic $^{\scriptscriptstyle \otimes}\,$ or VBA (Excel)
 - (a) The message box is displayed in the user application.
 - (b) The InputBox/OutputBox is displayed in the user application.
- (2) User application created using Visual Basic[®] , Visual C++[®] , VBA (Excel Access) or VBScript
 - (a) The Sleep processing, WaitForSingleObject function, or similar standby function is used in the user application.
- For how to install Reference, refer to the sample programs for Reference of VB .NET/VC .NET (Section 5.6, Section 5.7).

4.2.18 ReadDeviceBlock2 (Device batch-read)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Batch-reads 2-byte data from devices.

(3) Format

Visual Basic[®] 6.0, VBA : IRet = object.ReadDeviceBlock2(szDevice, ISize, iData(0)) Long IRet Returned value Output String szDevice Device name Input Long ISize Number of read points Input Integer iData(n) Read device values Output Visual C++® 6.0, Visual C++® .NET(MFC) : IRet = object.ReadDeviceBlock2 (szDevice, ISize, *lpsData) Long IRet Returned value Output szDevice Device name CString Input Number of read points Long ISize Input Short *lpsData Read device values Output VBScript : varRet = object.ReadDeviceBlock2(varDevice, varSize, lpvarData) VARIANT varRet Returned value (LONG type) Output VARIANT varDevice Device name(character string type) Input VARIANT varSize Number of read points(LONG type) Input VARIANT IpvarData Read device values (SHORT type) Output Visual Basic[®] .NET : IRet = object.ReadDeviceBlock2(szDevice, ISize, sData(0)) Integer IRet Returned value Output Device name String szDevice Input Integer ISize Number of read points Input Read device values Output short sData(n) Visual C++® .NET : iRet = object.ReadDeviceBlock2(*szDevice, iSize, *lpsData) int iRet Returned value Output String *szDevice Device name Input int iSize Number of read points Input

(4) Explanation

short

(a) Batch-reads ISize (varSize) of device values as SHORT type data from the devices, starting from the one specified in szDevice (varDevice).

Read device values

(b) The read device values are stored in iData (lpsData or lpvarData).

*lpsData

(c) Reserve an array of ISize (varSize) or more for iData (IpsData or IpvarData).

Output

(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

(Example) Data are read from 3 points

(3 words) on a 16 point basis,

starting from M0.

2 Bytes	
M0 to M15*1	
M16 to M31 * 1	
M32 to M47 * 1	

<When word device is specified> (Example) 3 points from D0

2 Bytes	
D0	
D1	
D2	

<When CN200 and later of FXCPU are specified> (Example) 6 points from CN200 *2:

2 Bytes	
L of CN200 (2 Lower Bytes)	
H of CN200 (2 Upper Bytes)	
L of CN201 (2 Lower Bytes)	
H of CN201 (2 Upper Bytes)	
L of CN202 (2 Lower Bytes)	
H of CN202 (2 Upper Bytes)	

<When FD device is specified (4-word device)> (Example) 6 points from FD0

2 Bytes
LL of FD0
LH of FD0
HL of FD0
HH of FD0
LL of FD1
LH of FD1

<8-bit devices assigned to gateway devices>

(Example) When 8-bit devices (E0000 to E0007 of SHARP programmable controller) have been assigned to 4 points, starting from EG0 (EG0 - EG3).

2 Bytes		
EG0		
(E0001)	(E0000)	
EG1		
(E0003)	(E0002)	
EG2		
(E0005)	(E0004)	
EG3		
(E0007)	(E0006)	

*1: Lower bits are stored in device number order.

*2: For CN200 or later of FXCPU, 2 words are read from 2 points. Read from 1 point will result in an error.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of read points that may be specified in ISize(varSize) should satisfy the following range.
 - Read starting device number + number of read points \leq last device number
- (2) When the bit device is specified, a multiple of 16 may be specified as the device number.
- (3) For iData (lpsData or lpvarData), prepare a memory area having the number of points specified in ISize (varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

4.2.19 WriteDeviceBlock2 (Device batch-write)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Batch-writes 2-byte data to devices.

(3) Format

Visual	Basic [®] 6.0,	VBA : IRet =	object.WriteDeviceBlock2(szDevice,	lSize,
			iData(0))	
	Long	IRet	Returned value	Output
	String	szDevice	Device name	Input
	Long	ISize	Number of write points	Input
	Integer	iData(n)	Device values to be written	Input
Visual	C++® 6.0, V	isual C++®.	NET(MFC) : IRet = object.WriteDevice	Block2
			(szDevice, ISize, :	*lpsData)
	Long	IRet	Returned value	Output
	CString	szDevice	Device name	Input
	Long	ISize	Number of write points	Input
	Short	*lpsData	Device values to be written	Input
VBScri	ipt : varRet =	= object.Writ	teDeviceBlock2(varDevice, varSize, va	rData)
	VARIANT	varRet	Returned value(LONG type)	Output
	VARIANT	varDevice	Device name(character string type)	Input
	VARIANT	varSize	Number of write points(LONG type)	Input
	VARIANT	varData	Device values to be written (SHORT type)	Input
Visual	Basic® .NE	Г: IRet = ob	ject.WriteDeviceBlock2(szDevice, ISiz	e, sData(0))
	Integer	IRet	Returned value	Output
	String	szDevice	Device name	Input
	Integer	ISize	Number of write points	Input
	short	sData(n)	Device values to be written	Input
Visual	C++® .NET	: iRet = obje	ect.WriteDeviceBlock2(*szDevice, iSiz	ze,
			*lpsData)	
	int	iRet	Returned value	Output
	String	*szDevice	Device name	Input
	int	iSize	Number of write points	Input
	short	*lpsData	Device values to be written	Input

(4) Explanation

- (a) Batch-writes ISize (varSize) of device values to the devices, starting from the one specified in szDevice (varDevice).
- (b) Store the device values to be written in iData (lpsData or varData).
- (c) Reserve an array of ISize (varSize) or more for iData (IpsData or varData).

(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

```
(Example) Data are written to 3 points
```

(3 words) on a 16 point basis,

starting from M0.

2 Bytes		
M0 to M15*1		
M16 to M31 * 1		
M32 to M47 * 1		

<When word device is specified> (Example) 3 points from D0

2 Bytes
D0
D1
D2

<When CN200 and later of FXCPU are specified> (Example) 6 points from CN200 *2

2 Bytes
L of CN200 (2 Lower Bytes)
H of CN200 (2 Upper Bytes)
L of CN201 (2 Lower Bytes)
H of CN201 (2 Upper Bytes)
L of CN202 (2 Lower Bytes)
H of CN202 (2 Upper Bytes)

<When FD device is specified (4-word device)> (Example) 6 points from FD0

2 Bytes
LL of FD0
LH of FD0
HL of FD0
HH of FD0
LL of FD1
LH of FD1

<8-bit devices assigned to gateway devices>

(Example) When 8-bit devices (E0000 to E0007 of SHARP programmable controller) have been assigned to 4 points, starting from EG0 (EG0 - EG3).

2 Bytes			
EG0			
(E0001)	(E0000)		
EG1			
(E0003)	(E0002)		
EG2			
(E0005)	(E0004)		
EG3			
(E0007)	(E0006)		

*1: Lower bits are stored in device number order.

*2: For CN200 or later of FXCPU, 2 words are written from 2 points. Write from 1 point will result in an error.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of write points that may be specified in ISize(varSize) should satisfy the following range.
 - Write starting device number + number of write points \leq last device number
- (2) When the bit device is specified, a multiple of 16 may be specified as the device number.
- (3) For iData (lpsData or varData), prepare a memory area having the number of points specified in ISize (varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

4.2.20 ReadDeviceRandom2 (Device random-read)

(1) Applicable ACT controls

This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.

(2) Feature

Randomly reads 2-byte data from devices.

(3) Format

Visual Basic® 6.0, VBA : IRet = object.ReadDeviceRandom2(szDeviceList, ISize,

				iData(0))
	Long String Long Integer	IRet szDeviceList ISize iData(n)	Returned value Device name Number of read points Read device values		Output Input Input Output
Visual	C++® 6.0, V	ïsual C++® .NE	T(MFC) : IRet = object: (szDe	.ReadDevice viceList. ISiz	eRandom2 (e. *lpsData)
	Long CString Long Short	IRet szDeviceList ISize ∦lpsData	Returned value Device name Number of read points Read device values		Output Input Input Output
VBScri	pt : varRet =	= object.ReadD	eviceRandom2(varDev	/iceList, varS	Size,
	VARIANT VARIANT VARIANT VARIANT	varRet varDeviceList varSize IpvarData	Returned value(LONG ty Device name(character s Number of read points(L Read device values (SH	/pe) string type) ONG type) ORT type)	Output Input Input Output
Visual	Basic [®] .NET	Г : IRet = objec	t.ReadDeviceRandom2	(szDeviceLi sData(0))	st, ISize,
	Integer String Integer short	IRet szDeviceList ISize sData(n)	Returned value Device name Number of read points Read device values	(-))	Output Input Input Output
Visual	C++® .NET	: iRet = object.l	ReadDeviceRandom2(*szDeviceL *lpsData)	ist, iSize,
	int String int short	iRet *szDeviceList iSize *lpsData	Returned value Device name Number of read points Read device values	. ,	Output Input Input Output

(4) Explanation

- (a) Randomly reads only ISize (varSize) of device values from the device group specified in szDeviceList (varDeviceList).
- (b) The read device values are stored in iData (lpsData or lpvarData).
- (c) Using the line feed symbol, separate the devices in the character string specified in the device list.

The last device need not be followed by the line feed symbol.

- (Example)
- Visual Basic® , VBA, VBScript : "D0" & vbLf & "D1" & vbLf & "D2" Visual C++® : D0\nD1\nD2
- (d) Reserve an array of ISize (varSize) or more for iData (IpsData or IpvarData).

(5) Device specifying methods

Specify the devices in the following methods.

(Example 1) When devices are specified as follows (3 points)

When using Visual Basic[®], VBA, VBScript : M0 & vbLf & D0 & vbLf & K8M0 When using Visual C++® : M0\nD0\nK8M0

2 Bytes
M0 * 1
D0
M0 to M15*2

(Example 2) When devices including CN200 and later of FXCPU are specified

(3 points in all) *3

When using Visual Basic[®], VBA, VBScript : D0 & vbLf & CN200 & vbLf & D1 When using Visual C++®

: D0\nCN200\nD1

(Example 3) When devices including FD are specified (3 points in all)

When using Visual Basic®, VBA, VBScript When using Visual C++®

: D0 & vbLf & FD0 & vbLf & [D1
: D0\nFD0\nD1	

2 Bytes
D0
LL of FD0 (2 Lower Bytes)
D1

(Example 4) When 8-bit devices including EG have been specified

(a total of 3 points)

The following example assumes that 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0.

When using Visual Basic [®] , VBA, VBScript	:
When using Visual C++®	•

2 By	ytes
D	0
EC	G0
(E0001)	(E0000)
П	1

D0 & vbLf & EG0 & vbLf & D1 D0\nEG0\nD1

*1: The device from where data will be read is only one point of "M0", and "0" or "1" is stored as the device value.

*2: Lower bits are stored in device number order. Data are not read from the upper 2 bytes, M16 to M31.

*3: For CN200 and later of the FXCPU, specifying 1 point for ReadDeviceRandom2 reads data from the L (lower 2 bytes) of the specified device.

Data are not read from the H (upper 2 bytes) of the specified device.

(6) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of read points that may be specified in ISize(varSize) is up to 0x7FFFFFF points.
- (2) For iData(lpsData or lpvarData), prepare a memory area having the number of points specified in ISize(varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

(3) When a double word device is specified, only the data of the lower 1 word (2 bytes) are stored in ReadDeviceRandom2. (An error will not occur.)
 When reading data from a double word device, use ReadDeviceRandom or GetDevice.

4.2.21 WriteDeviceRandom2 (Device random-write)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Randomly writes 2-byte data to devices.

(3) Format

short

sData(n)

Visual Basic® 6.0, VBA : IRet = object.WriteDeviceRandom2(szDeviceList, ISize,

			iData(0))	
	Long	IRet	Returned value	Output
	String	szDeviceList	Device name	Input
	Long	ISize	Number of write points	Input
	Integer	iData(n)	Device values to be written	Input
Visual (C++® 6.0, V	Visual C++® .NE	ET(MFC) : IRet = object.WriteDeviceR	andom2
			(szDeviceList, ISize,	*lpsData)
	Long	IRet	Returned value	Output
	CString	szDeviceList	Device name	Input
	Long	ISize	Number of write points	Input
	Short	*lpsData	Device values to be written	Input
VBScript : varRet = object.WriteDeviceRandom2(varDeviceList, varSize,				e,
			varData)	
	VARIANT	varRet	Returned value (LONG type)	Output
	VARIANT	varDeviceList	Device name (character string type)	Input
	VARIANT	varSize	Number of write points (LONG type)	Input
	VARIANT	varData	Device values to be written (SHORT type)	Input
Visual E	Basic® .NE	T : IRet = objec	t.WriteDeviceRandom2(szDeviceList,	ISize,
			sData(0))	
	Integer	IRet	Returned value	Output
	String	szDeviceList	Device name	Input
	Integer	ISize	Number of write points	Input

visual C++® .NET : iRet = object.WriteDeviceRandom2(*szDeviceList, iSiz	ze,
*lpsData)	

int	iRet	Returned value	Output
String	*szDseviceList	Device name	Input
int	iSize	Number of write points	Input
short	*lpsData	Device values to be written	Input

Device values to be written

Input

(4) Explanation

- (a) Randomly writes only ISize (varSize) of device values to the device group specified in szDeviceList (varDeviceList).
- (b) The read device values are stored in iData (lpsData or varData).
- (c) Using the line feed symbol, separate the devices in the character string specified in the device list.

The last device need not be followed by the line feed symbol. (Example)

Visual Basic® , VBA, VBScript : "D0" & vbLf & "D1" & vbLf & "D2"

- Visual C++® : D0\nD1\nD2
- (d) Reserve an array of ISize (varSize) or more for iData (IpsData or varData).

(5) Device specifying methods

Specify the devices in the following methods.

(Example 1) When devices are specified as follows (3 points)

 $\label{eq:stable} When using Visual Basic^{\circledast} \mbox{, VBA, VBScript} \qquad : M0 \mbox{, vbLf \& D0 \& vbLf \& K8M0} \\ When using Visual C++^{\circledast} \qquad : M0\mbox{, nD0\nK8M0} \\ \end{cases}$

2 Bytes
M0*1
D0
M0 to M15*2

(Example 2) When devices including CN200 and later of FXCPU are specified (3 points in all) *3

When using Visual Basic[®] , VBA, VBScript : D0 & vbLf & CN200 & vbLf & D1When using Visual C++[®] $: D0\nCN200\nD1$

2 Bytes
D0
L of CN200 (2 Lower Bytes) *3
D1

(Example 3) When devices including FD are specified (3 points in all) When using Visual Basic[®] , VBA, VBScript : D0 & vbLf & FD0 & vbLf & D1 When using Visual C++[®] : D0\nFD0\nD1

2 Bytes
D0
LL of FD0 (2 Lower Bytes)
D1

(Example 4) When 8-bit devices including EG have been specified (a total of 3 points)

The following example assumes that 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0.

When using Visual Basic® , VBA, VBScript: D0 & vbLf & EG0 & vbLf & D1When using Visual C++®: D0\nEG0\nD1

2 Bytes		
	D0	
	EG0	
(E0001)		(E0000)
	D1	

- *1: The device to where data will be written is only one point of "M0", and the lowest bit of the set 2-byte data is written as the device value.
- *2: Lower bits are stored in device number order.
- "0"s are written to the upper 2 bytes, M16 to M31.
- *3: For CN200 and later of the FXCPU, specifying 1 point for WriteDeviceRandom2 writes data to the L (lower 2 bytes) of the specified device.
 - "0"s are written to the H (upper 2 bytes) of the specified device.

(6) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

- (1) The maximum number of write points that may be specified in ISize(varSize) is up to 0x7FFFFFF points.
- (2) For iData(lpsData or varData), prepare a memory area having the number of points specified in ISize(varSize).

If there is no memory area, a critical phenomenon such as an application error may occur.

(3) When a double word device is specified, data are written to the data area of the lower 1 word (2 bytes) in WriteDeviceRandom2, and "0"s are written to the data area of the upper 1 word (2 bytes).

When writing data to a double word device, use WriteDeviceRandom or SetDevice.

4.2.22 SetDevice2 (Device data setting)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Sets 2-byte data to one device point.

(3) Format

	Visual Basic [®] 6.0, VBA : IRet = object.SetDevice2(szDevice, iData)					
		Long	IRet	Returned value	Output	
		String	szDevice	Device name	Input	
		Integer	iData	Set data	Input	
	Visual	C++ [®] 6.0, V	ïsual C++ [®] .NE	ET(MFC) : IRet = object.SetDevice2	(szDevice, sData)	
		Long	IRet	Returned value	Output	
		CString	szDevice	Device name	Input	
		Short	sData	Set data	Input	
	VBScri	pt : varRet =	= object.SetDe	vice2(varDevice, varData)		
		VARIANT	varRet	Returned value (LONG type)	Output	
		VARIANT	varDevice	Device name	Innut	
				(character string type)	input	
		VARIANT	varData	Set data (SHORT type)	Input	
	Visual	Basic® .NET	Г : IRet = objec	t.SetDevice2(szDevice, sData)		
		Integer	IRet	Returned value	Output	
		String	szDevice	Device name	Input	
		short	sData	Set data	Input	
Visual C++ [®] .NET : iRet = object.SetDevice2(*szDevice, sData)						
		int	iRet	Returned value	Output	
		String	*szDevice	Device name	Input	
		short	sData	Set data	Input	

- (4) Explanation
 - (a) The operation specified in iData(sData or varData) is performed for one point of device specified in szDevice(varDevice).
 - (b) When the bit device is specified, the least significant bit of the iData value (sData value or varData value) becomes valid.

(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

Example) M0		
	2 Bytes	
	M0 * 1	

<When word device is specified>

(Example) D0		
	2 Bytes	
	D0	

< When double-word device is specified>

Example) K8IVIU	
	2 Bytes
М	0 to M15*2

<When CN200 or later of FXCPU is specified> (Example) CN200

2 Bytes	
L of CN200 (2 Lower Bytes) *3	

<When gateway device is specified>

(Example) When 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0

ussigned to	200
2 By	/tes
EC	G0
(E0001)	(E0000)

*1: The device to where data will be written is only one point of "M0", and the lowest bit of the set 2byte data is written as the device value.

*2: Lower bits are stored in device number order."0"s are written to the upper 2 bytes, M16 to M31.

*3: For CN200 and later of the FXCPU, specifying 1 point for SetDevice2 writes data to the L (lower 2 bytes) of the specified device.

"0"s are written to the H (upper 2 bytes) of the specified device.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

POINT

When a double word device is specified, data are written to the data area of the lower 1 word (2 bytes) in SetDevice2, and "0"s are written to the data area of the upper 1 word (2 bytes).

When writing data to a double word device, use WriteDeviceRandom or SetDevice.

4.2.23 GetDevice2 (Device data acquisition)

- Applicable ACT controls
 This function is available for all ACT controls but the ActSupoort and ActMLSupport controls.
- (2) Feature

Gets 2-byte data from one device point.

(3) Format

1 01110					
Visual Basic [®] 6.0, VBA : IRet = object.GetDevice2(szDevice, iData)					
	Long	IRet	Returned value	Output	
	String	szDevice	Device name	Input	
	Integer	iData	Acquired data	Output	
Visual	C++® 6.0, V	′isual C++® .NE	ET(MFC) : IRet = object.GetDevice2	?(szDevice, *lpsData)	
	Long	IRet	Returned value	Output	
	CString	szDevice	Device name	Input	
	Short	*lpsData	Acquired data	Output	
VBScri	pt : varRet =	= object.GetDe	vice2(varDevice, lpvarData)		
	VARIANT	varRet	Returned value (LONG type)	Output	
	VARIANT	varDevice	(character string type)	Input	
	VARIANT	IpvarData	Acquired data (SHORT type)	Output	
Visual	Basic® .NE	Г : IRet = objec	t.GetDevice2(szDevice, sData)		
	Integer	IRet	Returned value	Output	
	String	szDevice	Device name	Input	
	short	sData	Acquired data	Output	
Visual C++ [®] .NET : iRet = object.GetDevice2(*szDevice, *spsData)					
	int	iRet	Returned value	Output	
	String	*szDevice	Device name	Input	
	short	*spsData	Acquired data	Output	

- (4) Explanation
 - (a) Stores the data of the one device point specified in szDevice (varDevice) into iData (lpsData or lpvarData).

(5) Device specifying methods

Specify the devices in the following methods.

<When bit device is specified>

(Example) M0	
	2 Bytes
	M0*1

<When word device is specified> (Example) D0

mple) D0		
	2 Bytes	

<When double-word device is specified> (Example) K8M0

1		
	2 Bytes	
	M0 to M15*2	

<When CN200 or later of FXCPU is specified> (Example) CN200

D0

Z Dytes
L of CN200 * 3

<When gateway device is specified>

(Example) When 8-bit devices (E0000, E0001 of SHARP programmable controller) have been assigned to EG0

ussigned to	200	
2 B	ytes	
EG0		
(E0001)	(E0000)	

*1: The device from where data will be read is only one point of "M0", and "0" or "1" is stored as the device value.

*2: Lower bits are stored in device number order.

Data are not read from the upper 2 bytes, M16 to M31.

*3: For CN200 and later of the FXCPU, specifying 1 point for GetDevice2 reads data from the L (lower 2 bytes) of the specified device.

Data are not read from the H (upper 2 bytes) of the specified device.

(6) Returned value

Normal termination : 0 is returned.

Abnormal termination : Any value other than 0 is returned.

(Refer to Chapter 6 ERROR CODES.)

POINT

When a double word device is specified, only the data of the lower 1 word (2 bytes) are stored in GetDevice2. (An error will not occur.)

When reading data from a double word device, use ReadDeviceRandom or GetDevice.

4.2.24 Connect (Telephone line connection)

(1)	Applicable ACT controls
	This function is available for the ActEasyIF, ActA6TEL, ActQ6TEL,
	ActFXCPUTEL, ActAJ71QC24TEL and ActQJ71C24TEL controls.

(2) Feature

Connects the telephone line.

(3) Format

Visual VBA :	Basic [®] 6.0, IRet = objec	Visual C++® 6. t.Connect()	0, Visual C++ [®] .NET(MFC),	
	Long	IRet	Returned value	Output
Visual	Basic [®] .NE	Г : IRet = objec IRet	t.Connect() Returned value	Output

Visual C++® .NET : iRet = object.Connect() int iRet Returned value Output

(4) Explanation

- (a) Connects the telephone line on the basis of the property settings of the modem communication control.
- (b) For the ActQJ71C24TEL control, the telephone line is connected in the connection system that has been set in the ActConnectWay property. When Auto line connect (callback number specification), callback connect (number specification) or callback request (number specification) has been set in the ActConnectWay property, an error will occur if a number is not set in the ActCallbackNumber property.

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

(6) Instructions for execution of Connect

- (a) Always connect the telephone line before execution of Open.
- (b) When disconnecting the telephone line, execute Disconnect. During Connect, the telephone line remains connected if Open and Close are repeated many times.
- (c) If the telephone line is disconnected in the Open status for some reason, always execute Close before reconnecting the telephone line.

- (7) Instructions for use of multiple telephone line connection objects
 - (a) When the control types, port numbers and telephone numbers of the controls are different

When the control types, port numbers and telephone numbers set to multiple controls differ from each other, an error (error code: 0xF1000016) will occur if Connect is executed by the control with port number and telephone number different from those of the control that executed Connect first.

(b) When the port numbers and telephone numbers of the controls are the same When the control types, port numbers and telephone numbers set to multiple controls are the same, the termination status changes depending on the connection system of the callback function.

The following table indicates the relations between the callback function connection system and the termination status.

	Connection System of Control That Executes Connect Second or Later				
Connection System of Control That has Executed Connect First	Auto line connect Auto line connect (Callback fixation) Auto line connect	Callback connect (Fixation) Callback connect	Callback request (Fixation) Callback request	Callback reception waiting	
	(Callback number specification)	(Number specification)	(Number specification)		
Auto line connect					
Auto line connect (Callback fixation)	0	0	×	×	
Auto line connect (Callback number specification)	, , , , , , , , , , , , , , , , , , ,				
Callback connect (Fixation)					
Callback connect (Number specification)	0	0	×	×	
Callback request (Fixation)	0	0	0	0	
Callback request (Number specification)					
Callback reception waiting	×	×	×	0	

 \odot : Normal termination \times : Abnormal termination (Error occurrence)

4.2.25 Disconnect (Disconnects telephone line)

(1)	Applicable ACT This function is av ActFXCPUTEL, A	F controls ailable for the ctAJ71QC24T	ActEasylF, ActA6TEL, ActQ6TEL, EL and ActQJ71C24TEL controls.	
(2)	Feature Disconnects the te	elephone line.		
(3)	Format Visual Basic [®] 6.0, VBA : IRet = object	Visual C++® 6 ct.Disconnect()	.0, Visual C++ [®] .NET(MFC),	
	Long	IRet	Returned value	Output
	Visual Basic [®] .NE Integer	T : IRet = objec IRet	ct.Disconnect() Returned value	Output
	Visual C++® .NET	: iRet = object	.Disconnect()	
	int	iRet	Returned value	Output

(4) Explanation

(a) Disconnects the telephone line that was connected using the Connect function.

(5) Returned value

Normal termination : 0 is returned. Abnormal termination : Any value other than 0 is returned. (Refer to Chapter 6 ERROR CODES.)

(6) Instructions for Disconnect execution

- (a) When executing Disconnect during Open, execute Close before executing Disconnect.
- (b) If the telephone line is disconnected in the Open status for some reason, always execute Close before reconnecting the telephone line.
- (c) When multiple telephone line connection objects are used, Disconnect should be executed by the object that executed Connect first after another object has executed Disconnect.

When multiple telephone line connection objects are used, the telephone line is not disconnected if the object that executed Connect first does not execute Disconnect.

The following example gives how to use multiple objects together.

<Example> When using two controls together

(Including the case where the objects A and B are operated by different applications)



4.2.26 GetErrorMessage (Gets error message)

- (1) Applicable ACT controls This function is available for the ActSupport and ActMLSupport controls.
- (2) Feature

Gets the error definition and corrective action corresponding to the error code.

(3) Format

Visual Basic[®] 6.0, VBA : IRet = object.GetErrorMessage(IErrorCode,

		szerrorivie	ssage)
Long	lRet	Returned value	Output
String	IErrorCode	Error code	Input
String	szErrorMessage	Error message	Output
Visual C++® 6.0), Visual C++® .NET(N	/IFC) : IRet = object. GetErrorM	essage
		(IErrorCode,	
		*lpszErrorMessa	ige)
Long	lRet	Returned value	Output
Long	IErrorCode	Error code	Input
BSTR	*IpszErrorMessage	Error message	Output
VBScript : varR	et = object. GetErrorN	/lessage (varErrorCode, lpvarEi	rrorMessage)
VARIANT	varRet	Returned value (LONG type)	Output
VARIANT	varErrorCode	Error code (LONG type)	Input
VARIANT	IpvarErrorMessage	Error message (character string type)	Output
Visual Basic [®] .	NET : IRet = object.Ge	etErrorMessage(IErrorCode,	
	-	szErrorMessa	ge)
Integer	IRet	Returned value	Output
Integer	IErrorCode	Error code	Input
String	szErrorMessage	Error message	Output
Visual C++® .N	ET : iRet = object.Get	ErrorMessage(iErrorCode,	
		**lpsErrorMes	sage)
int	iRet	Returned value	Output
int	iErrorCode	Error code	Input
String	**lpsErrorMessage	Error message	Output
Explanation	error definition and cor	rective action of the error code	specified in

- (a) Reads the error definition and corrective action of the error code specified in IErrorCode (varErrorCode).
- (b) The read error definition and corrective action are stored into szErrorMessage (lpszErrorMessage or lpvarErrorMessage).
- (5) Returned value

(4)

Normal termination	: 0 is returned.
Abnormal termination	: Any value other than 0 is returned.
	(Refer to Chapter 6 ERROR CODES.)

4.3 Details of the Functions (Custom Interface)

This section explains the details of the functions.

The details of the functions in this section assume that the custom interface is used. The custom interface may be used on only Visual $C^{++^{(0)}}$.

For the dispatch interface, refer to "Section 4.2 Details of the Functions (Dispatch Interface)".

This section describes only the formats of the functions.

For details of other than the formats, refer to "Section 4.2 Details of the Functions (Dispatch Interface)".

4.3.1 Open (Communication line opening)

hResult = object.Open(*lplRetCode)			
HRESULT	hResult	Returned value of COM	Output
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.2 Close (Communication line closing)

hResult = object.Close(*lplRetCode)			
HRESULT	hResult	Returned value of COM	Output
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.3 ReadDeviceBlock (Device batch-read)

hResult = object.ReadDeviceBlock(szDevice, lSize, *lplData, *lplRetCode)				
HRESULT	hResult	Returned value of COM	Output	
BSTR	szDevice	Device name	Input	
LONG	lSize	Number of read points	Input	
LONG	*IplData	Read device values	Output	
LONG	*lplRetCode	Returned value of communication function	Output	

4.3.4 WriteDeviceBlock (Device batch-write)

hResult = obj	ect.WriteDevice	Block(szDevice, ISize, *IpIData, *IpIR	letCode)
HRESULT	hResult	Returned value of COM	Output
BSTR	szDevice	Device name	Input
LONG	ISize	Number of write points	Input
LONG	*IplData	Written device values	Input
LONG	*IpIRetCode	Returned value of communication	Output
		function	

4.3.5 ReadDeviceRandom (Device random-read)

hResult = obj	ject.ReadDevice	Block(szDeviceList, ISize, *IplData, *I	plRetCode)
HRESULT	hResult	Returned value of COM	Output
BSTR	szDeviceList	Device name	Input
LONG	ISize	Number of read points	Input
LONG	*IplData	Read device values	Output
LONG	*lplRetCode	Returned value of communication function	Output

4.3.6 WriteDeviceRandom (Device random-write)

hResult = object.WriteDeviceRandom(szDeviceList, lSize, *lplData,			
		*lplRetC	ode)
HRESULT	hResult	Returned value of COM	Output
BSTR	szDeviceList	Device name	Input
LONG	ISize	Number of write points	Input
LONG	*IplData	Written device values	Input
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.7 SetDevice (Device data setting)

hResult = object.SetDevice(szDevice, IData, *IpIRetCode)			
HRESULT	hResult	Returned value of COM	Output
BSTR	szDevice	Device name	Input
LONG	IData	Set data	Input
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.8 GetDevice (Device data acquisition)

hResult = object.GetDevice(szDevice, *IpIData, *IpIRetCode)			
hResult	Returned value of COM	Output	
szDevice	Device name	Input	
*IpIData	Set data	Output	
*IpIRetCode	Returned value of communication function	Output	
	ect.GetDevice(hResult szDevice *IpIData *IpIRetCode	ect.GetDevice(szDevice, *IpIData, *IpIRetCode)hResultReturned value of COMszDeviceDevice name*IpIDataSet data*IpIRetCodeReturned value of communication function	

4.3.9 ReadBuffer (Buffer memory read)

		*lpsData, *lplRetC	ode)
HRESULT	hResult	Returned value of COM	Output
LONG	IStartIO	First I/O number of module from where	Input
		values will be read	
LONG	lAddress	Buffer memory address	Input
LONG	IReadSize	Read size	Input
SHORT	*lpsData	Values read from buffer memory	Output
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.10 WriteBuffer (Buffer memory write)

hResult = object.WriteBuffer(IStartIO, IAddress, IWriteSize,			
		*lpsData, *lplRetC	ode)
HRESULT	hResult	Returned value of COM	Output
LONG	IStartIO	First I/O number of module to where	Input
		values will be written	
LONG	IAddress	Buffer memory address	Input
LONG	IWriteSize	Write size	Input
SHORT	*lpsData	Values written to buffer memory	Input
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.11 GetClockDSata (Clock data read)

hResult = object.GetClockData(*lpsYear, *lpsMonth, *lpsDay,

*lpsD	ayOfWeek, *lp	sHour, *lpsMinute, *lpsSecond, *lplF	RetCode)
HRESULT	hResult	Returned value of COM	Output
SHORT	*lpsYear	Read year value	Output
SHORT	*IpsMonth	Read month value	Output
SHORT	*lpsDay	Read day value	Output
SHORT	*lpsDayOfWeek	Read day-of-week value	Output
SHORT	*lpsHour	Read hour value	Output
SHORT	*IpsMinute	Read minute value	Output
SHORT	*lpsSecond	Read second value	Output
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.12 SetClockData (Clock data write)

hResult = object.SetClockData(sYear, sMonth, sDay, sDayOfWeek,			
	sHour, sMinute, sSecond, <i>*</i> IpIF	RetCode)	
hResult	Returned value of COM	Output	
sYear	Year value to be written	Input	
sMonth	Month value to be written	Input	
sDay	Day value to be written	Input	
sDayOfWeek	Day-of-week value to be written	Input	
sHour	Hour value to be written	Input	
sMinute	Minute value to be written	Input	
sSecond	Second value to be written	Input	
*lplRetCode	Returned value of communication function	Output	
	ject.SetClockDa hResult sYear sMonth sDay sDayOfWeek sHour sMinute sSecond *IpIRetCode	ject.SetClockData(sYear, sMonth, sDay, sDayOfWeek sHour, sMinute, sSecond, *IpIFhResultReturned value of COMsYearYear value to be writtensMonthMonth value to be writtensDayDay value to be writtensDayOfWeekDay-of-week value to be writtensHourHour value to be writtensMinuteMinute value to be writtensMourSecond value to be writtensMinuteMinute value to be writtensMinuteMinute value to be writtensNeurReturned value to be written	

4.3.13 GetCpuType (Programmable controller CPU type read)

hResult = object.GetDevice(*szDeviceList, *lplData, *lplRetCode)			
HRESULT	hResult	Returned value of COM	Output
BSTR	*szCpuName	Programmable controller CPU type	Output
		character string	
LONG	*lplCpuType	Programmable controller CPU type code	Output
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.14 SetCpuStatus (Remote control)

hResult = object.SetCpuStatus(IOperation, *IplRetCode)			
HRESULT	hResult	Returned value of COM	Output
LONG	IOperation	Remote RUN/STOP/PAUSE	Input
LONG	*lplRetCode	Returned value of communication function	Output

4.3.15 EntryDeviceStatus (Device status monitor registration)

hResult = object.EntryDeviceStatus(szDeviceList, ISize, IMonitorCycle, *IpIData,

		*lplRetCode)	
HRESULT	hResult	Returned value of COM	Output
BSTR	szDeviceList	Registered device name list	Input
LONG	ISize	Number of registered device points	Input
LONG	IMonitorCycle	Status monitor time interval	Input
LONG	*lplData	Registered device value list	Input
LONG	*lplRetCode	Returned value of communication function	Output

4.3.16 FreeDeviceStatus (Device status monitor deregistration)

hResult = object.FreeDeviceStatus(*lplRetCode)			
HRESULT	hResult	Returned value of COM	Output
LONG	*lplRetCode	Returned value of communication function	Output

4.3.17 OnDeviceStatus (Announces event)

hResult = object. OnDeviceStatus(szDevice, IData, IReturnCode, *IpIRetCode)				
LPCTSTR	szDevice	Name of device whose condition has held	Input	
LONG	IData	Value of device whose condition has held	Input	
LONG	IReturnCode	Returned value of condition check processing	Input	
LONG	*IpIRetCode	Returned value of communication function	Output	

4.3.18 ReadDeviceBlock2 (Device batch-read)

hResult = ob	ject.ReadDevice	eBlock2(szDevice, lSize, *lpsData, *lp	IRetCode)
HRESULT	hResult	Returned value of COM	Output
BSTR	szDevice	Device name	Input
LONG	lSize	Number of read points	Input
SHORT	*lpsData	Read device values	Output
LONG	*lplRetCode	Returned value of communication function	Output

4.3.19 WriteDeviceBlock2 (Device batch-write)

hResult = ob	ject.WriteDevice	eBlock2(szDevice, lSize, *lpsData, *lp	IRetCode)
HRESULT	hResult	Returned value of COM	Output
BSTR	szDevice	Device name	Input
LONG	ISize	Number of write points	Input
SHORT	*lpsData	Written device values	Input
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.20 ReadDeviceRandom2 (Device random-read)

hResult = object.ReadDeviceRandom2(szDeviceList, ISize, *IpsData,			
		*lplRet0	Code)
HRESULT	hResult	Returned value of COM	Output
BSTR	szDeviceList	Device name	Input
LONG	ISize	Number of read points	Input
SHORT	*lpsData	Read device values	Output
LONG	*lplRetCode	Returned value of communication function	Output

4.3.21 WriteDeviceRandom2 (Device random-write)

hResult = object.WriteDeviceRandom2(szDeviceList, lSize, *lpsData,				
		*lplRet0	ode)	
HRESULT	hResult	Returned value of COM	Output	
BSTR	szDeviceList	Device name	Input	
LONG	ISize	Number of write points	Input	
SHORT	*lpsData	Written device values	Input	
LONG	*IpIRetCode	Returned value of communication function	Output	

4.3.22 SetDevice2 (Device data setting)

hResult = object.SetDevice2(szDevice, sData, *lplRetCode)				
HRESULT	hResult	Returned value of COM	Output	
BSTR	szDevice	Device name	Input	
SHORT	sData	Set data	Input	
LONG	*IpIRetCode	Returned value of communication function	Output	

4.3.23 GetDevice2 (Device data acquisition)

hResult = object.GetDevice2(szDevice, *lpsData, *lplRetCode)			
HRESULT	hResult	Returned value of COM	Output
BSTR	szDevice	Device name	Input
SHORT	*lpsData	Acquired data	Output
LONG	*IpIRetCode	Returned value of communication function	Output

4.3.24 Connect (Telephone line connection)

hResult = object.Connect(*lplRetCode)			
HRESULT	hResult	Returned value of COM	Output
LONG	*lplRetCode	Returned value of communication function	Output

4.3.25 Disconnect (Disconnects telephone line)

hResult = object.Disconnect(*lplRetCode)				
HRESULT	hResult	Returned value of COM	Output	
LONG	*lplRetCode	Returned value of communication function	Output	

4.3.26 GetErrorMessage (Gets error message)

hResult = object.GetErrorMessage(IErrorCode, *IpszErrorMessage,				
		*lplRetCo		
HRESULT	hResult	Returned value of COM	Output	
LONG	IErrorCode	Error code	Input	
BSTR	*lpszErrorMessage	Error message	Output	
LONG	*IpIRetCode	Returned value of communication	Output	
		function		

5 SAMPLE PROGRAMS

This chapter describes the sample program registered at installation of MX Component.

(1) Sample programs, test programs and sample sequence programs
 (a) Sample programs, test programs

The sample programs are attached for your reference when creating a user program.

The test programs are attached for conducting communication tests.

Please use these programs on the customer's own responsibility. (b) Sample sequence programs

The sample sequence programs attached to MX Component must be modified depending on the system configuration and parameter settings. Modify them to be best for the system.

Please note that it is user's responsibility to use the same sequence programs.

(2) Sample program, test program, sample sequence program list The following table gives a sample program list that is registered to [User specified folder] - [Act] - [Sample] when MX Component Version 3 is installed.

Folder name		Sample Program Details	Compatible Language	Reference Section
	Sample	Sample program for ActEasyIF control		5.3.3
ACCESSVBA	TestPro	Test program compatible with each control	VBA (Access)	*1
	Sample	Sample program for ActEasyIF control		5.3.1
ExelVBA	Sample_DeviceRW	Sample program using the ActEasyIF control to read/write values from/to D0 - D9	VBA (Excel)	5.3.2
	TestPro	Test program compatible with each control		*1
	ModemSample	Sample program for modem communication		5.1.2
Vb	Sample	Sample program for ActEasyIF control and Visual Basic [®]		5.1.1
	Sample_TypeConv	Type conversion sample program		5.1.3
SampleAS	SampleASP	Sample program for ActMLEasyIF control	HTML (ASP function)	5.5
VBScript	SampleHTML	Sample program for ActMLEasyIF control		5.4
	TestPro	Test program for all controls compatible with VBScript	HTML	*1
	CustomSample	Sample program for ActEasyIF control and ActAJ71QE71UDP control	Visual C++ (Custom interface)	5.2.2
Vc	Sample	Sample program for ActEasyIF control and ActAJ71QE71UDP control	Visual C++	5.2.1
	Sample_Support	Sample program for troubleshooting function (ActSupport control)	(Dispatch interface)	5.2.3

*1: Test program for operation checking.

Use it to check operation.

(To the next page)

5 SAMPLE PROGRAMS

Folder name		Sample Program Details	Compatible Language	Reference Section
Vb.NET	Sample_TypeConv	Type conversion sample program		5.6.1
	Sample Sample_References	Read/Write sample program	Visual Basic.NET	5.6.2
Vc.NET	Sample Sample_References	Read/Write sample program	Visual C++.NET (Visual Studio [®] .NET 2003)	5.7.1
Vc.NET	Sample2005 Sample_References2005	Read/Write sample program	Visual C++.NET (Visual Studio [®] 2005)	5.9.1
GppW	AJ71QC24NTEL	Sample ladder for modem communication (QC24N)		*2
	Ccg4a	Sample ladder for CC-Link G4 (A mode) communication		
	E71_tcp	Sample ladder for Ethernet communication (E71 TCP/IP)		
	E71_udp	Sample ladder for Ethernet communication (E71 UDP/IP)		
	Fxcputel	Sample ladder for modem communication (FXCPU)	Sequence program (GX Developer)	
	Qe71_tcp	Sample ladder for Ethernet communication (QE71 TCP/IP)		
	QJ71C24Callback	Sample ladder for modem communication (Q series-compatible C24) that uses setting 1 to specify the callback function		
	QJ71C24Callback_Number	Sample ladder for modem communication (Q series-compatible C24) that uses setting 3 to specify the callback function		
	QJ71C24TEL	Sample ladder for modem communication (Q series-compatible C24)		

*2: Refer to the MX Component Version 3 Operating Manual.

5.1 Visual Basic® 6.0 Sample Program

This section explains the sample program for Visual Basic[®] 6.0 created using the Act controls.

5.1.1 Sample program for ActEasyIF control and ActACPU control

This sample program reads data from the programmable controller CPU and reads/writes device values using the ActEasyIF control and ActACPU control.

(1) Using method

Load the form and choose the control to be used.

Click Open to open the communication line.

When you selected the ActEasyIF control, type the logical number, which was specified in communication settings on the communication setting utility, in the "LogicalStationNumber" text box before clicking Open.

Click Close to close the communication line.

When you click GetCpuType, the type and type code of the programmable

controller CPU to which the line is currently connected appear in the "Data" list box.

Typing the device names from where you want to read data and the number of points in the "DeviceName" and "DeviceSize" text boxes, respectively, and clicking ReadDeviceRandom displays the device data in the "Data" list box.

Typing the device names to where you want to write data and the number of points in the "DeviceName" and "DeviceSize" text boxes, respectively, and the device values to be written in the "DeviceData" text box and clicking

WriteDeviceRandom writes the device values to the programmable controller CPU.

If an error occurs during execution, the error code appears in the "ReturnCode" text box.

If an error has occurred, refer to "6 ERROR CODES" and remove the error cause.

(2) Precautions for use of the sample program

- (a) When using the ActEasyIF control, make communication settings on the communication setting utility before running this sample program.
- (b) When the ActACPU control is used, this sample program is designed to use the programmable controller CPU as "A1N" and the COM port as "COM1" exclusively.
- (c) When changing the control to be used, click <u>Close</u> to close the communication line once, then change the control, and click <u>Open</u> to reopen the communication line.

(3) Sample file list

By default, the sample program is installed in the following folders.C:\MELSEC\Act\Sample\Vb\Sample.vbpProject fileC:\MELSEC\Act\Sample\Vb\SampleForm.frmVisual Basic Form fileC:\MELSEC\Act\Sample\Vb\SampleForm.frxVisual Basic Form Binary file

(4) Screen

The sample program screen will be explained.

nput-		Method
LogicalStationNumber.	In The second se	Open
DeviceName:	D0 🔺 D1	Close
	D2 D3	GetCpuType
DeviceSize:	5	ReadDeviceRandom
DeviceData:	0	WriteDeviceRandom
Dutput ReturnCode: 0(Hex)		

Item	Description		
Control	Choose the control to be used.		
LogicalStationNumber	Enter the logical station number that was specified in communication settings on the communication setting utility.		
DeviceName	Enter the device names from/to where values will be read/written.		
DeviceSize	Enter the number of points of the devices from/to where values will be read/written.		
DiviceData	Enter the device values to be written.		
Open	Used to open the communication line.		
Close	Used to close the communication line.		
GetCpuType	Used to read the programmable controller CPU type.		
ReadDeviceRandom	Used to read the data of the devices entered in the "DeviceName" text box.		
WriteDeviceRandom	Used to write the data of the devices entered in the "DeviceName" text box.		
ReturnCode	Shows the result of executing the corresponding method.		
Data	Shows the CPU type, CPU type code and read device values.		

5.1.2 Sample program for modem communication

This sample program monitors the devices of the programmable controller CPU corresponding to the specified logical station number using the ActEasyIF control.

(1) Using method

Enter the value of the logical station number, to which modem communication settings have been made within the communication settings utility, into the "LogicalStationNumber" text box.

If the password has been set to the module to be connected, enter the password into the "Password" text box.

Enter the monitoring interval into the "MonitorInterval" text box.

Enter the device name to be monitored into the "DeviceName" text box, and the number of device points into the "Size" text box.

Clicking MonitorStart opens the communication line after connection of the

telephone line and reads the device values at the intervals specified with the RedDeviceBlock function. (For the logical station number that does not need connection of the telephone line, only the communication line is opened and the telephone line is not connected.)

Clicking MonitorStop disconnects the telephone line after closing of the

communication line.

If an error occurs during execution of this sample program, an error code appears in the "ReturnValue" text box.

If the error code is displayed in the "ReturnValue" text box, click

GetErrorMessage to display the error definition and corrective action

corresponding to the displayed error code. If an error occurs, confirm the error definition and remove the error cause.

(2) Instructions for use of the sample program

- (a) To use the ActEasyIF control, set the logical station number within the communication settings utility before execution of this sample program.
- (b) When changing the logical station number, monitoring interval, device name and number of read points, click MonitorStop to close the communication

line once, and click MonitorStart to resume communication.

(3) Sample file list

The sample program is installed into the following folders at the default installation.

C:\MELSEC\Act\Sample\Vb\ModemSample\ModemSample.vbp project file

C: \MELSEC\Act\Sample\Vb\ModemSample\ModemSample.frm Visual Basic Form file

C: \MELSEC\Act\Sample\Vb\ModemSample\ModemSample.frx Visual Basic Form Binary file

(4) Screen

The sample program screen will be explained.

🖏 Form1				
LogicalStationNumber:	0	DeviceName:	DO	MonitorStart
Password:		Size:	32	MonitorStop
MonitorInterval: (s)	1	ReturnValue:		GetErrorMessage

Item	Description
LogicalStationNumber	Enter the logical station number set in the communication settings utility.
Password	Enter the password when it is required.
MonitorInterval	Set the monitoring interval. (Unit: s)
DeviceName	Enter the device name to be monitored.
Size	Enter the number of read points.
ReturnValue	Displays the returned value of the executed method.
MonitorStart	Used to open the communication line and start monitoring after connection of the telephone line.
MonitorStop	Used to disconnect the telephone line and stop monitoring after closing of the communication line.
GetErrorMessage	Used to get and display the error definition and corrective action for the error code in "ReturnValue".

5.1.3 Type conversion sample program

This sample program reads/writes ASCII character string, 32-bit integer or real number data from/to the programmable controller CPU devices in the corresponding data format using the ActEasyIF control, and if an error occurs during execution, displays the error message using the ActSupport control.

(1) Using method

Load the form, type the logical number, which was specified in communication settings on the communication setting utility, in the "LogicalStationNumber" text box, and then click Open to open the communication line.

To write ASCII characters to the programmable controller CPU, type ASCII character data in the upper text box inside the "ASCII character" frame, and then click Write inside that frame. (Write is executed within the range D0 to D9,

regardless of the number of typed characters. When the number of characters is insufficient, the blanks are filled with 0 (Hex).)

To read the ASCII characters, click Read in the "ASCII character" frame. Data

from the programmable controller CPU is displayed in the lower text box inside that frame. (Read is executed within the range D0 to D9.)

To write a 32-bit integer to the programmable controller CPU, type 32-bit integer data in the upper text box inside the "32bit integer" frame, and then click Write

inside that frame. (Write is executed within the range D10 to D11.)

To read the 32-bit integer, click Read in the "32bit integer" frame. Data from the programmable controller CPU is displayed in the lower text box inside that frame. (Read is executed within the range D10 to D11.)

To write a real number to the programmable controller CPU, type real number

data in the upper text box inside the "Real number" frame, and then click Write

inside that frame. (Write is executed within the range D12 to D13.)

To read the real number, click Read in the "Real number" frame. Data from the

programmable controller CPU is displayed in the lower text box inside that frame. (Read is executed within the range D12 to D13.)

If an error occurs during execution, the error message and error code appear in the message box. If an error has occurred, refer to "6 ERROR CODES" and remove the error cause.

Click Close to close the communication line.

(2) Precautions for use of the sample program

- (a) When using the ActEasylF control, make communication settings on the communication setting utility before running this sample program.
- (b) If an error occurs due to other than the ActEasylF control (e.g. a character string or out-of-range value is typed as a 32-bit integer or real number), the corresponding error is displayed in the message box and then the program terminates.

(3) Sample file list

When installed on the default path, the sample program is installed into the following folder.

C:\MELSEC\Act\Sample\Vb\Sample_TypeConv\Sample_TypeConv.vbp C:\MELSEC\Act\Sample\Vb\Sample_TypeConv\frm_Sample_TypeConv.frm C:\MELSEC\Act\Sample\Vb\Sample_TypeConv\frm_Sample_TypeConv.frx

Project file Visual Basic Form file Visual Basic Form Binary file
(4) Screen

The screen for the sample program will be explained.

. Sample_TypeConv LogicalStationNumber:		
Open	Close	
ASCII character		
	Write	ioo Pongo
	Read	nce nange. D9
- 32bit integer		
	Write	ice Pange
	Read D10)-D11
Real number		
	Write Dev	vice Range:
-	D12	2-D13

Item		Description						
LogicalStationNur	nber	Type the logical station number that was specified in communication settings on the communication setting utility.						
Open		Opens the communication line.						
Close		Closes the communication line.						
"ASII character"	Write	Writes the ASCII character data, which was typed in the upper text box inside the frame, to the programmable controller CPU.						
frame	Read	Displays the ASCII character data, which was read from the programmable controller CPU, in the lower text box inside the frame.						
"32bit integer"	Write	Writes the 32-bit integer data, which was typed in the upper text box inside the frame, to the programmable controller CPU.						
frame	Read	Displays the 32-bit integer data, which was read from the programmable controller CPU, in the lower text box inside the frame.						
"Real number"	Write	Writes the real number data, which was typed in the upper text box inside the frame, to the programmable controller CPU.						
frame	Read	Displays the real number data, which was read from the programmable controller CPU, in the lower text box inside the frame.						

5.2 Visual C++® 6.0 Sample Programs

This section explains the sample programs for Visual C++ $^{\odot}$ 6.0 which were created using the dispatch interface and custom interface.

5.2.1 Dispatch interface

This sample program is designed to read the type of the connection destination CPU and read/write device values using the ActAJ71QE71UDP control or ActEasyIF control on the dispatch interface.

(1) Using method

Load the form and choose the control to be used.

Clicking Open Communication opens the communication line through Ethernet communication.

By clicking GetCpuType, the type code of the programmable controller CPU

which is currently connecting the line appears in the "Output Data" text box (top) and the CPU type in the "Output Data" text box (bottom).

Entering the device from where you want to read a value into the "Device Name" text box and clicking GetDevice shows the device data in the "Output Data" text box (top).

To write a device value, enter the device where you want to write a value into the "Device Name" text box and the device value to be written into the "Device Value" text box and click SetDevice.

Clicking Close Communication closes the communication line.

If an error occurs at the execution of any function, an error code appears in the "Return Value" text box.

If an error has occurred, refer to "CHAPTER 6 ERROR CODES" and eliminate the error cause.

(2) Precautions for use of the sample program

- (a) When using the ActEasyIF control, set the Ethernet communication information to the logical station number "1" on the communication settings utility before starting the sample program running.
- (b) When changing the control used, click Close Communication to close the communication line once, then change the control, and open the line again.

(3) Sample file list

The sample files are installed into the following folders at default installation. C:\MELSEC\Act\Sample\Vc\SampleEng\sampleEng.rc Resource file C:\MELSEC\Act\Sample\Vc\SampleEng\sampleEng.dsw Project work space C:\MELSEC\Act\Sample\Vc\SampleEng\sampleEng.dsp Project file C:\MELSEC\Act\Sample\Vc\SampleEng\sampleEng.cpp C:\MELSEC\Act\Sample\Vc\SampleEng\sampleEngDlg.cpp Class define file **Dialog Implementation source file** C:\MELSEC\Act\Sample\Vc\SampleEng\actaj71qe71udp.cpp ActAJ71QE71UDP Control source file ActAJ71QE71UDP Control header file C:\MELSEC\Act\Sample\Vc\SampleEng\actai71ge71udp.h C:\MELSEC\Act\Sample\Vc\SampleEng\acteasyif.cpp ActEasyIF Control source file C:\MELSEC\Act\Sample\Vc\SampleEng\acteasyif.h ActEasyIF Control header file

(4) Screen

The sample program screen will be explained.

🛃 CustomSample	Eng		×
Control	₢ ActAJ71QE71UDP	C ActEasylf	
Method	Open Communication		
	GetCpuType		Result
Devic	e Name	GetDevice	
Devic	e Value 0	SetDevice	Output
	Close Communication		
			Close

Item		Description								
Control		Used to choose the control to be used.								
Open Communi	cation	Jsed to open the communication line.								
GetCpuType		Used to read the programmable controller CPU type.								
Device Name		Enter the device from/to where a value will be read/written.								
Device Value		Enter the device value to be written.								
Close Communication		Used to close the communication line.								
GetDevice		Used to read the data of the device entered into the "Device Name" text box.								
SetDevice		Used to write the data of the device entered into the "Device Name" text box.								
Return		Shows the result of executing the function.								
Output	Тор	Shows the CPU type code and read device value.								
	Bottom	Shows the CPU type.								

5.2.2 Custom interface

This sample program is designed to read the type of the connection destination CPU and read/write device values using the ActAJ71QE71UDP control or ActEasyIF control on the custom interface.

(1) Using method

The using method is the same as that of the sample program for dispatch interface.

Refer to "Section 5.2.1 Dispatch interface, (1) Using method".

(2) Precautions for use of the sample program

- (a) When using the ActEasyIF control, set the Ethernet communication information to the logical station number "2" on the communication settings utility before starting the sample program running.
- (b) When changing the control used, click Close Communication to close the communication line once, then change the control, and open the line again.
- (3) Sample file list

The sample files are installed into the following folders at default installation.

C:\MELSEC\Act\Sample\Vc\CustomSampleEng\CustomSampleEng.rcResource fileC:\MELSEC\Act\Sample\Vc\CustomSampleEng\CustomSampleEng.dswProject work spaceC:\MELSEC\Act\Sample\Vc\CustomSampleEng\CustomSampleEng.dspProject fileC:\MELSEC\Act\Sample\Vc\CustomSampleEng\CustomSampleEng.cppDialog implementation source file

(4) Screen

The screen is the same as that of the sample program for dispatch interface. Refer to "Section 5.2.1 Dispatch interface, (4) Screen".

5.2.3 Troubleshooting function sample program

This sample program performs the troubleshooting function using the ActSupport control with the dispatch interface.

(1) Using method

Load the form.

In the "ErrorCode" text box, enter the error code of which error definition you want to know.

Clicking GetErrorMessage displays the error definition and corrective action in

the error definition displaying text box.

The displayed error definitions and corrective actions are as indicated in "6.1 Error Codes Returned by the ACT Controls".

Click Exit to exit from the sample program.

(2) Instructions for use of the sample program

- (a) Enter the error codes in the "ErrorCode" text box with any of the error codes given in "6.1 Error Codes Returned by the ACT Controls" (0x*******) or decimal numbers.
- (3) Sample file list

The sample files are installed into the following folders at the time of default installation.

C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\actsupport3.cpp C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\ actsupport3.h C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\resource.h C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_Support.cpp C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_Support.dsp C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_Support.dsw C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_Support.h C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_Support.n C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_Support.n C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_Support.pp C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_SupportDlg.cpp C:\MELSEC\Act\Sample\Vc\Sample_SupportEng\Sample_SupportDlg.h Source file of ActSupport control Header file of ActSupport control Resource file Source file for class definition Project file Project work space Header file for class definition Resource file Source file for dialog implementation Header file for dialog implementation

The sample program screen will be explained.

	Sample_Support	×
	ErrorCode: GetErrorMessage Exit	
 (1)— 		
÷		

Item	Description						
ErrorCode	Enter the error code.						
GetErrorMessage	Used to read the error definition and corrective action of the error code entered in the "ErrorCode" text box.						
Exit	Used to exit from the sample program.						
 (Error definition displaying text box) 	Displays the error definition and corrective action of the error code entered in the "ErrorCode" text box.						

5.3 VBA Sample Programs

This section explains the sample programs for Excel and Access.

5.3.1 Excel sample program

This sample program is designed to log and graph the device values of the programmable controller CPU using the ActEasylF control. This sample program was created on Excel 2000.

(1) Using method

Open the sample sheet.

Type the logical station number, which was specified in communication settings on the communication setting utility, in the "LogicalStationNumber" input cell. Type the first device of the devices whose data you want to read in the "DeviceName" input cell.

Type the logging interval in the "LoggingTiming" input cell.

Clicking LoggingStart starts logging.

When logging starts, the past 10 device values and line graphs appear on the graph.

Clicking LoggingStop stops logging.

Note that the logging data on the screen are not cleared.

If an error occurs during execution, the error message appears in the "Message" output cell and the error code appears in the "Return Code" output cell. If an error has occurred, refer to "6 ERROR CODES" and remove the error cause.

(2) Precautions for use of the sample program

- (a) Before running this sample program, make communication settings on the communication setting utility.
- (b) When changing the input value, click LoggingStop to stop logging once,

then change the input value, and click LoggingStart to start logging.

(c) In this sample program, the number of device points to be logged is preset to 10 and the number of logging times to 10.

(3) Sample file

By default, the sample program is installed into the following folder.

C:\MELSEC\Act\Sample\ExcelVBA\Sample\Sample.xls Excel file

The sample program screen will be explained.

2	licrosoft	Exce	- Samp	le.xls	5																			-	Ы×
	Eile Edit	⊻iew	Insert	Forr	nat <u>I</u>	ools (2ata	Wir	ndow <u>t</u>	telp														_	8 ×
	i 🖉 🖬	B	8 B.	*	x	60 6	3.	<u>.</u>		Σ	f.	ĝ.		65%		• 23	Arial				•	11 -	в	<u>u</u>	»
	C3		•	=																					
		A			В		_ (;	D		E		F		G	н	1		J	K		L	M	N	
2	Log	poalSta	itionNumbe DeviceNlam	# D0			-							1											
3	Loggin	gTimin	g(hh:mm:s:) 0.0:	1				1		Lo	iggin	gStart												
4										-0				Γ.											
6											Lo	ggin	gStop												
7	Message																								
8	ReturnCod	le		_																					
10				Dat	eTime		Data	1	Data2	10	lata3	1	Data4	Dati	δ	Data6	Data7	1	Data8	Data	_	Data10			
11					2001/1/	10:00:00		1		2		3		\$	5		6	7	8		9	10			
12				-	2001/1/	10:00:00	2			2		3		\$	5		6	7	8	-	9	10			
14				+	2001/14	10:00:00	1	-		2		3	-	-	5		8	7	8	-	- 3	10			
15					2001/1/	10:00:00		1		2		3		i i	5	ł	6	7	ŝ		- 9	10			
16					2001/1/	10:00:00		1		2		3		4	5		6	7	8		9	10			
17				+	2001/1/	10:00:00	2			2		3		<u>ا</u>	5		8	7	8	-	9	10			
19				+	2001/1/	10:00:00		-		2		3	-	4	5		8	7	8		- 9	10			
20					2001/1/	10:00:00		1		2		3		4	5		6	7	8		9	10			
21																									
23	Graph			-																	_	_			
24				12	т													_			+	– Data1			
25				10																		- Data2			
26					. t											-	-					Data3			
28				-l °														_				- Data4			
29	1			16						÷		+		:		:			:	_		– Data5			
30				4																	-+-	- Data6			
31				- 2	+	-		-		-				-		-				-		- Data7			
33				1.				-		+		+		+		:			+		-	- Datas			
34				ľ	1	2		3		4		5		6		7	8		9	10		- Data9			
35																						Data10			
30					_	_		_			_		_		_	1.1									
		.UGGJ	ING /													14									
Re	ady																					NU	M		

Item	Description							
LogicalStationNumber Enter the logical station number that was specified in communication settings on the communication setting utility.								
DeviceName	nter the first device of the devices whose data will be read.							
LoggingTimeing (hh:mm:ss)	Enter the logging interval. Example: Logging at intervals of 1 second 0:0:1 Logging at intervals of 1 hour 30 minutes 1:30:0							
Message	Shows the function execution result. (Character string)							
ReturnCode	Shows the function execution result. (Hexadecimal value)							
Time	Shows the logging system time.							
Data01 to 10	Show the logged device values.							
Graph	Shows the past 10 logged values of 10 devices in the form of line graphs.							
LoggingStart	Used to start logging.							
LoggingStop	Used to stop logging.							

5.3.2 Excel sample program (Device read/write)

This sample program performs read/write the programmable controller CPU devices (D0 to D9) using the ActEasylF control.

Also, this program displays the error code and error message in the dialog box by using ActSupport control at an error occurrence.

This sample program was created using Excel 2000.

(1) Using method

Open the sample sheet.

Enter the logical station number, to which communication settings have been made in the communication settings utility, into the "LogicalStationNumber" input cell.

Clicking DeviceRead reads the D0 to D9 device values of the programmable

controller CPU and displays them in the DeviceRead area.

Entering values into D0 to D9 in the DeviceWrite area and clicking DeviceWrite

writes the values to D0 - D9 of the programmable controller CPU.

If read/write of the D0 - D9 devices fails, the error message corresponding to the error code is displayed in the dialog box.

(2) Precautions for use of the sample program

(a) Before executing this sample program, make communication settings within the communication settings utility.

(3) Sample file

The sample program is installed into the following folder at the default installation.

C:\MELSEC\Act\Sample\ExcelVBA\Sample\Sample_DeviceRW.xls Excel file

The sample program screen will be explained.



Item	Description
LogicalStationNumber	Enter the logical station number to which communication settings have been made in the communication settings utility.
① (DeviceRead area)	Displays the D0 to D9 device values of the programmable controller CPU.
② (DeviceWrite area)	Enter the values to be written to D0 - D9 of the programmable controller CPU.
DeviceRead	Used to read the D0 to D9 device values of the programmable controller CPU and display them in the DeviceRead area.
DeviceWrite	Used to write the device values entered into D0 - D9 of the DeviceWrite area to D0 - D9 of the programmable controller CPU.

5.3.3 Access sample program

This sample program is designed to log and monitor the device values of the programmable controller CPU using the ActEasylF control. This sample program was created on Access 2000.

(1) Using method

Open the database.

Type the logical station number, which was specified in communication settings on the communication setting utility, in the "LogicalStationNumber" text box. Type the logging interval in the "LoggingTiming" text box.

Clicking LoggingStart starts logging.

Clicking LoggingStop stops logging.

Note that the logging data on the screen are not cleared. If an error occurs during execution, the error message and error code appear in the message box.

If an error has occurred, refer to "6 ERROR CODES" and remove the error cause.

(2) Precautions for use of the sample program

- (a) Before running this sample program, make communication settings on the communication setting utility.
- (b) When changing the input value, click LoggingStop to stop logging once,

then change the input value, and click LoggingStart to start logging.

- (c) In this sample program, devices "D0" to "D4" are preset as the devices to be monitored, and "D10" to "D17" as the devices to be logged. Also, monitoring is designed to occur at 1-second intervals.
- (d) This sample program logs device values up to 100 times. If the number of logging times exceeds 100, the oldest logging data is deleted and the newest logging data is registered.
- (3) Sample file

By default, the sample program is installed into the following folder.

C:\MELSEC\Act\Sample\AccessVBA\Sample\Sample.mdb Access file

The sample program screen will be explained.



Item	Description							
LogicalStationNumber	Enter the logical station number that was specified in communication settings on the communication setting utility.							
LoggingTimeing Enter the logging interval. (Unit: Seconds)								
LoggingData	Shows the logged data.							
OnDeviceStatus	Shows the devices whose conditions held among the devices being monitored.							
LoggingStart	Used to start logging.							
LoggingStop	Used to stop logging.							

5.4 VBScript Sample Program

This section describes the VBScript sample program.

This sample program is designed to define the device values of the programmable controller CPU as the capacity and status of a tank and monitor their values using the ActMLEasyIF control.

This sample program was created on Microsoft® FrontPage® 2000.

(1) Using method

Opening the sample file opens the communication line to the programmable controller CPU used.

After that, the device values of the programmable controller CPU are acquired at intervals of 1 second and are used to display the capacity and status of the tank. If an error occurs during execution, the error message and error code appear in the message box.

If an error has occurred, refer to "6 ERROR CODES" and remove the error cause.

(2) Precautions for use of the sample program

- (a) Before running this sample program, make communication settings on the communication setting utility to set the logical station number to "0".
- (b) In this sample program, device "D100" is used to denote the tank capacity, and device "D101" to denote the tank status.

(3) Sample file

By default, the sample program is installed into the following folders.

C:\MELSEC\Act\Sample\VBScript\SampleHTML\Sample.html C:\MELSEC\Act\Sample\VBScript\SampleHTML\Pics\Fill.gif C:\MELSEC\Act\Sample\VBScript\SampleHTML\Pics\Frame.gif C:\MELSEC\Act\Sample\VBScript\SampleHTML\Pics\LampERR.gif C:\MELSEC\Act\Sample\VBScript\SampleHTML\Pics\LampOFF.gif C:\MELSEC\Act\Sample\VBScript\SampleHTML\Pics\Tank.gif C:\MELSEC\Act\Sample\VBScript\SampleHTML\Pics\Tank.gif

The sample program screens will be explained.



Item	Description	remark
Tank capacity	Indicates the tank capacity. (Within the range $0 \le device value \le 200$)	Linked with device "D100"
Tank status	Indicates the tank status. Normal (device value = 0) : Blue lamp lit Error (device value <> 0) : Red lamp lit	Linked with device "D101"

5.5 ASP Sample Program

This sample program is designed to read programmable controller CPU data and read device values using the ActMLEasyIF control.

- (1) File structure
 - (a) Sample.asp (data input screen) Initial display screen used to set data for monitoring.
 - (b) SampleControl.asp (data getting screen) Used to get the input data of Sample.asp, store them into the global variables, and check them for errors.
 - (c) SampleMon.asp (data display screen)
 - Displays data in accordance with the input data of Sample.asp. Displays a message if an error occurs.
- (2) Using method

Store Sample.asp, SampleControl.asp and SampleMon.asp in the same folder on the WWW server.

Browse the URL of Sample.asp on the Microsoft[®] Internet Explorer and display the initial screen.

Entering "MonitorTiming", "LogicalStationNumber", "DeviceName" and "DeviceSize" on the initial screen and pressing MonitorStart start Open

processing, ReadDeviceBlock processing, GetCpuType processing and Close processing.

The input data appear in "MonitorTiming:", "LogicalStationNumber:",

"DeviceName:" and "DeviceSize:" on the data display screen.

"Message:" displays error occurrence processing when an error occurs in the corresponding processing.

"Return Code:" shows the result of the corresponding processing. "CpuType:" shows the type of the programmable controller CPU connected. "ReadData(Hex)" displays the device data of the programmable controller CPU

connected.

If an error has occurred, refer to "6 ERROR CODES" and remove the error cause. The data display screen repeats updating at the intervals of "MonitorTiming:". Pressing Back returns to the initial screen.

(3) Precautions for use of the sample program

Before running this sample program, make communication settings on the communication setting utility.

(4) Sample file list

By default, the sample program is installed in the following folders.

C:\MELSEC\Act\Sample\VBScript\SampleASP\Sample-E.asp ASP file C:\MELSEC\Act\Sample\VBScript\SampleASP\SampleControl-E.asp ASP file C:\MELSEC\Act\Sample\VBScript\SampleASP\SampleMon-E.asp ASP file

(5) Screen

The sample program screens will be explained.

(a) Data input screen (Sample-E.asp)



Item	Description
MonitorTiming	Enter the monitoring intervals.
LogicalStationNumber	Enter the logical station number.
DeviceName	Enter the device name from where data will be read.
DeviceSize	Enter the number of points of the devices from where data will be read.
MonitorStart	Used to start monitor processing.

(b) Data getting screen (SampleControl.asp)

The data getting screen is a page used to store the data entered on the data input screen into the global variables and check them for errors. This screen is not displayed on the Internet Explorer screen.

(c) Data display screen (SampleMon-E.asp)



Item	Description	
MonitorTiming :	Shows the monitoring intervals.	
LogicalStationNumber :	Shows the logical station number.	
DeviceName :	Shows the device name from where data will be read.	
DeviceSize :	Shows the number of points of the devices from where data will be read.	
Message :	Shows a message at error occurrence.	
Return Code :	Shows the execution result of the corresponding processing.	
СриТуре	Shows the CPU type.	
ReadData(Hex)	Shows the read device values.	
Back	Used to return to the initial screen.	

5.6 Visual Basic[®] .NET(Visual Studio[®] .NET 2003)Sample Programs

This section explains the sample programs for Visual Basic[®] .NET (Visual Studio[®] .NET 2003) that were created using the Act controls.

5.6.1 Type conversion sample program

This sample program reads/writes ASCII character string, 32-bit integer or real number data from/to the programmable controller CPU devices in the corresponding data format using the ActEasyIF control, and if an error occurs during execution, displays the error message using the ActSupport control.

- (1) Using method The using method is the same as for Visual Basic. Refer to Section 5.1.3.
- (2) Precautions for use of the sample program The precautions are the same as for Visual Basic. Refer to Section 5.1.3.
- (3) Sample file listWhen installed on the default path, the sample program is installed into the

following folder. C:\MELSEC\Act\Sample\Vb.NET\Sample_TypeConv\AssemblyInfo.vb C:\MELSEC\Act\Sample\Vb.NET\Sample_TypeConv\Sample_TypeConv.resx C:\MELSEC\Act\Sample\Vb.NET\Sample_TypeConv\Sample_TypeConv.sln C:\MELSEC\Act\Sample\Vb.NET\Sample_TypeConv\Sample_TypeConv.vb C:\MELSEC\Act\Sample\Vb.NET\Sample_TypeConv\Sample_TypeConv.vbproj

Assembly information file Resource file Visual Studio Solution file VB file VB main project file

The screen for the sample program will be explained.

Sample_TypeConv	
Open	Close
ASCII character	
	Write Device Bange:
	Read D0-D9
-32bit integer	
	Write Device Bange:
	Read D10-D11
Real number	
	Write Device Bange:
	Read

Item		Description	
LogicalStationNumber		Type the logical station number that was specified in communication settings on the communication setting utility.	
Open		Opens the communication line.	
Close		Closes the communication line.	
"ASII character"	Write	Writes the ASCII character data, which was typed in the upper text box inside the frame, to the programmable controller CPU.	
frame	Read	Displays the ASCII character data, which was read from the programmable controller CPU, in the lower text box inside the frame.	
"32bit integer"	Write	Vrites the 32-bit integer data, which was typed in the upper text box inside the frame, to the rogrammable controller CPU.	
frame	Read	Displays the 32-bit integer data, which was read from the programmable controller CPU, in the lower text box inside the frame.	
"Real number" frame	Write	Writes the real number data, which was typed in the upper text box inside the frame, to the programmable controller CPU.	
	Read	Displays the real number data, which was read from the programmable controller CPU, in the lower text box inside the frame.	

5.6.2 Read/Write sample program

This sample program reads/writes the device values of the programmable controller CPU and monitors the device status using the ActEasyIF control or ActQCPUQ control.

(1) Using method

Load the form and choose the control to be used. Click Open to open the communication line.

When using the ActEasy IF control, type the logical number, which was specified in communication settings on the communication setting utility, in the "LogicalStationNumber" text box before clicking Open.

To execute random read, type the source device name and number of points, in the "DeviceName" and "DeviceSize" text boxes inside the "Random Read/Write" frame, and click ReadDeviceRandom2. This displays the device data in the

"Data" text box inside the "Output" frame.

To execute random write, type the destination device name and number of points, in the "DeviceName" and "DeviceSize" text boxes inside the "Random Read/Write" frame, and also type the device value, which will be written, in the "DeviceData" text box inside that frame, and click WriteDeviceRandom2. This

writes the device value to the programmable controller CPU.

To execute block read, type the source device name and number of points, in the "DeviceName" and "DeviceSize" text boxes inside the "Block Read/Write" frame, and click ReadDeviceBlock2. This displays the device data in the "Data" text

box inside the "Output" frame.

To execute block write, type the destination device name and number of points, in the "DeviceName" and "DeviceSize" text boxes inside the "Block Read/Write" frame, and also type the device value, which will be written, in the "DeviceData" text box inside that frame, and click WriteDeviceBlock2. This writes the device

value to the programmable controller CPU.

To register the device status monitor, type the device name, number of points, device value and status monitor cycle in the "DeviceName", "DeviceSize",

"DeviceData" and "MonitorCycle" text boxes inside the "Status Entry/Free" frame as the event occurrence conditions, and click EntryDeviceStatus.

When the registered event occurrence conditions are satisfied, the event data are displayed in the "Data" text box inside the "Output" frame.

To cancel the already registered device status monitor, click FreeDeviceStatus.

If an error occurs during execution, the error code appears in the "Return Code" box inside the "Output" frame.

If an error has occurred, refer to "6 ERROR CODES" and remove the error cause. Click Close to close the communication line.

(2)	 (2) Precautions for use of the sample program (a) When using the ActEasyIF control, make communication settings on the communication setting utility before running this sample program. 		
	(b) When the ActQCPUQ control is used, this sample program is designed t the programmable controller CPU as "Q02(H)", the COM port as "COM1 and the transmission speed as 19200bps fixed. The specification can be changed by changing values of the correspondi property.		
	(c) When changing the control to be used, click Close to close the		
	communication line once, then change the control	l, and click Open to	
	reopen the line.		
(3)	Sample file list When installed on the default path, the sample progra following folder.	am is installed into the	
C:\MELSEC\Act\Sampl	Assembly information file		
C:\MELSEC\Act\Sampl	e\Vb.NET\Sample\Sample.resx	Resource file	
C:\MELSEC\Act\Sampl	Visual Studio Solution file		
C:\MELSEC\Act\Sample\Vb.NET\Sample\Sample.vb VB file			
C:\MELSEC\Act\Sample\Vb.NET\Sample\Sample.vbproj VB main project file			
C:\MELSEC\Act\Sampl	e\Vb.NET\Sample_References\AssemblyInfo.vb	Assembly information file	
C:\MELSEC\Act\Sample\Vb.NET\Sample_References\Sample_References.resx Resource file			
C:\MELSEC\Act\Sample\Vb.NET\Sample_References\Sample_References.sln Visual Studio Solution file			
C:\MELSEC\Act\Sample\Vb.NET\Sample_References\Sample_References.vb VB file			
C:\MELSEC\Act\Sample\Vb.NET\Sample_References\Sample_References.vbproj VB main project file			

The screen for the sample program will be explained.

			2	
npre-				_
ActEasyIF	LogicalStationNu	mber:		Open
ActQCPUQ				
				Close
Random Read/Write -				
DeviceName:	DeviceSize:	DeviceData:		ReadDevicePandem?
<u></u>	1		<u></u>	
				WriteDeviceBandom?
· · · ·		1	Ŧ	
llock Read/Write				
DeviceName:	DeviceSize:	DeviceData:		
1	I		<u>^</u>	HeadDeviceBlock2
			—	WIREDeviceBlock2
itatus Entru/Free				
DeviceName:	DeviceSize:	DeviceData:		
A			*	EntryDeviceStatus
	MonitorCycle:			
	I		Ŧ	FreeDeviceStatus
lutout				
Return Code:		_		
Data:				
				4
1				-

inple_kererences				_
 ActEasylF 	LogicalStationNu	mber:		Open
C ActQCPUQ				~
				Llose
Random Read/Write	DeviceSize:	DeviceData:		
			<u>^</u>	ReadDeviceRandom2
	Ŀ		–	WriteDeviceRandom2
Block Bead/Write				
DeviceName:	DeviceSize:	DeviceData:		
[^	ReadDeviceBlock2
			Ŧ	WriteDeviceBlock2
Status Entro/Free —				
DeviceName:	DeviceSize:	DeviceData:		
-			*	EntryDeviceStatus
	MonitorCycle:		-1	FreeDeviceStatus
-	_	,		
Return Code:				
Data:				
				<u>_</u>
				-
,				

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Item		Description		
"Control" frame	ActEasyIF, ActQCPUQ	Choose the control to be used.		
	LogicalStationNumber	Type the logical station number that was specified in communication settings on the communication setting utility.		
Open		Opens the communication line.		
Close		Closes the communication line.		
	DeviceName	Type the device name for which random read/write will be executed.		
	DeviceSize	Type the number of device points for which random read/write will be executed.		
	DeviceData	Type the device value that will be written randomly.		
"Random Read/Write" frame	ReadDeviceRandom2	Randomly reads device data from the programmable controller CPU to the data source typed in the "DeviceName" and "DeviceSize" text boxes inside the frame, and displays the data in the "Data" text box inside the "Output" frame. Randomly writes device data to the programmable controller CPU from the		
	WriteDeviceRandom2	data source typed in the "DeviceName", "DeviceSize" and "DeviceData" text boxes inside the frame.		
	DeviceName	Type the device name for which block read/write will be executed.		
	DeviceSize	Type the number of device points for which block read/write will be executed.		
"Dissis	DeviceData	Type the device values that will be block-written.		
"Block Read/Write" frame	ReadDeviceBlock2	Block-reads device data from the programmable controller CPU to the data source typed in the "DeviceName" and "DeviceSize" text boxes inside the frame, and displays the data in the "Data" text box inside the "Output" frame.		
	WriteDeviceBlock2	Block-writes device data to the programmable controller CPU from the data source typed in the "DeviceName", "DeviceSize" and "DeviceData" text boxes inside the frame.		
	DeviceName	Type the device name as an event occurrence condition.		
	DeviceSize	Type the number of device points as an event occurrence condition.		
	MonitorCycle	Type the event monitor cycle.		
"Status	DeviceData	Type the device value as an event occurrence condition.		
Entry/Free" frame	EntryDeviceStatus	Registers the ON device status/event to the data source typed in the "DeviceName", "DeviceSize", "MonitorCycle" and "DeviceData" text boxes inside the frame. When the registered event occurrence conditions is satisfied, the event data is displayed in the "Data" text box of the "Output" frame.		
	FreeDeviceStatus	Deletes the ON device status/event already registered.		
"Outrout" from a	Return Code	Displays the execution result of each method.		
"Output" frame	Data	Displays the read device values.		

5.7 Visual C++® .NET(Visual Studio® .NET 2003) Sample Programs

This section explains the sample programs for Visual C++ $^{\circ}$.NET (Visual Studio $^{\circ}$.NET 2003) that were created using the Act controls.

5.7.1 Read/Write sample program

This sample program reads/writes the device values of the programmable controller CPU and monitors the device status using the ActEasyIF control or ActQCPUQ control.

(1) Using method

The using method is the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

(2) Precautions for use of the sample program The precautions are the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

(3) Sample file list

When installed on the default path, the sample program is installed into the following folder.

C:\MELSEC\Act\Sample\Vc.NET\Sample\app.ico	Icon file
C:\MELSEC\Act\Sample\Vc.NET\Sample\app.rc	Resource file
C:\MELSEC\Act\Sample\Vc.NET\Sample\AssemblyInfo.cpp	Assembly information file
C:\MELSEC\Act\Sample\Vc.NET\Sample\Form1.cpp	C++ source file
C:\MELSEC\Act\Sample\Vc.NET\Sample\Form1.h	C header file
C:\MELSEC\Act\Sample\Vc.NET\Sample\Form1.resX	Resource file
C:\MELSEC\Act\Sample\Vc.NET\Sample\resource.h	C header file
C:\MELSEC\Act\Sample\Vc.NET\Sample\Sample.sin	Visual Studio Solution file
C:\MELSEC\Act\Sample\Vc.NET\Sample\Sample.vcproj	VC++ main project file
C:\MELSEC\Act\Sample\Vc.NET\Sample\stdafx.cpp	C++ source file
C:\MELSEC\Act\Sample\Vc.NET\Sample\stdafx.h	C header file

Icon file
Resource file
Assembly information file
C++ source file
C header file
Resource file
C header file
Visual Studio Solution file
VC++ main project file
C++ source file
C header file

(4) Screen

The screen is the same as for Visual Basic $^{\otimes}$.NET (Visual Studio $^{\otimes}$.NET 2003). Refer to Section 5.6.2.

5.8 Visual Basic® .NET (Visual Studio® 2005) Sample Program

In Visual Basic[®] .NET (Visual Studio[®] 2005), use converted sample program for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). For a sample program for Visual Basic[®] .NET (Visual Studio[®] .NET 2003), refer to Section 5.6.

5.9 Visual C++® .NET (Visual Studio® 2005) Sample Program

This section explains a sample program for Visual C++ $^{\odot}$.NET (Visual Studio $^{\odot}$ 2005), created using Act control.

5.9.1 Read/Write sample program

This sample program reads/writes the device values of the programmable controller CPU and monitors the device status using the ActEasyIF control or ActQCPUQ control.

(1) Using method

The using method is the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

(2) Precautions for use of the sample program The precautions are the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

(3) Sample file list

When installed on the default path, the sample program is installed into the following folder.

C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005.sln C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\app.ico C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\AssemblyInfo.cpp C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Form1.h C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Form1.resx C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Form1.resx C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Sample2005\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Sample2005\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Sample2005\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2005\Sample2005\Sample2005\Form1.resy Visual Studio Solution file Icon file Resource file Assembly information file C header file C header file C header file C++ source file VC++ main project file C++ source file C header file

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$C: \label{eq:linear} C: \label{eq:linear} C: \label{eq:linear} E \label{eq:linear} C: \labe$	ln
	Visual Studio Solution file
$\label{eq:c:MELSEC} C: \label{eq:melsec} C: \labe$	app.ico
	Icon file
$C: \label{eq:linear} C: \lab$	app.rc
	Resource file
$C: \label{eq:linear} C: \lab$	AssemblyInfo.cpp
	Assembly information file
$C: \label{eq:linear} C: \lab$	Form1.h
	C header file
$C: \label{eq:linear} C: \lab$	Form1.resx
	Resource file
$C: \label{eq:linear} C: \lab$	esource.h
	C header file
$C: \label{eq:linear} C: \lab$	Sample_References2005.cpp
	C++ source file
$C: \label{eq:linear} C: \lab$	Sample_References2005.vcproj
	VC++ main project file
$C: \label{eq:linear} C: \lab$	stdafx.cpp
	C++ source file
$C: \label{eq:linear} C: \lab$	tdafx.h
	C header file

(4) Screen The screen is the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

5.10 Visual Basic® .NET (Visual Studio® 2010) Sample Program

In Visual Basic[®] .NET (Visual Studio[®] 2010), use converted sample program for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). For a sample program for Visual Basic[®] .NET (Visual Studio[®] .NET 2003), refer to Section 5.6.

5.11 Visual C++® .NET (Visual Studio® 2010) Sample Program

This section explains a sample program for Visual C++[®] .NET (Visual Studio[®] 2010), created using Act control.

5.11.1 Read/Write sample program

This sample program reads/writes the device values of the programmable controller CPU and monitors the device status using the ActEasyIF control or ActQCPUQ control.

(1) Using method

The using method is the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

(2) Precautions for use of the sample program The precautions are the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

(3) Sample file list

When installed on the default path, the sample program is installed into the following folder.

C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010.sln C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\app.ico C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\assemblyInfo.cpp C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.h C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.resx C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.resx C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.resx C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Sample2010\Form1.resy C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Sample2010\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Form1.fesy C:\MELSEC\Act\Sample\Vc.NET\Form1.fesy C:\MELSEC\Act\Form1.fesy C:\MELSEC\Form1.fesy C:\Form1.fesy C:\Form1. Visual Studio Solution file Icon file Resource file Assembly information file C header file C header file C header file C++ source file VC++ main project file C++ source file C header file

5 SAMPLE PROGRAMS

C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010.s	sin
	Visual Studio Solution file
C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010\a	app.ico
	Icon file
C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010\a	app.rc
	Resource file
C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010\	AssemblyInfo.cpp
	Assembly information file
C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010\F	Form1.h
	C header file
$C: \label{eq:linear} C: \label{eq:linear} C: \label{eq:linear} E \label{eq:linear} C: \labe$	Form1.resx
	Resource file
$C: \label{eq:linear} C: \label{eq:linear} C: \label{eq:linear} E C \label{eq:linear} C: \la$	esource.h
	C header file
C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010\S	Sample_References2010.cpp
	C++ source file
C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010\S	Sample_References2010.vcxproj
	VC++ main project file
$C: \label{eq:linear} C: \label{eq:linear} C: \label{eq:linear} E \label{eq:linear} C: \labe$	stdafx.cpp
	C++ source file
C:\MELSEC\Act\Sample\Vc.NET\Sample_References2010\Sample_References2010\s	stdafx.h
	C header file

(4) Screen The screen is the same as for Visual Basic[®] .NET (Visual Studio[®] .NET 2003). Refer to Section 5.6.2.

6 ERROR CODES

This chapter describes the error codes returned by the ACT controls and the error codes returned by the CPUs, modules and network boards.

6.1 Error Codes Returned by the ACT Controls

The following table gives the error codes returned by the ACT controls.

Error Code	Error Definition	Corrective action
0x00000000	Normal end	
0x01010002	Timeout error	Check the property timeout value. Check the settings in the communication settings utility. Check the programmable controller, Unit settings, state of the cable, etc. Close and Open again. Exit the program and restart the IBM-PC/AT compatible.
0x01010005	Message error	Check the system noise. Check the property timeout value. Check the settings in the communication settings utility. Check the programmable controller, unit settings, status of the cable, etc. Close and Open again. Exit the program, restart the IBM-PC/AT compatible.
0x01010010	Programmable controller No. error Communication could not be made with the specified station number.	Check the station number set on the communication setup utility. Check the station number set to ActStationNumber.
0x01010011	Mode error Command not supported.	Check if the correct CPU type setting is done. Check the programmable controller, Unit settings, status of the cable, etc. Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x01010012	Special Unit Specification error	Check the specified address of the special unit.
0x01010013	Other data error Communication cannot be made for some cause.	Check that the system configuration is not an unsupported configuration. Check that the CPU type setting is correct. Exit the program and restart the IBM-PC/AT compatible. Inform the telephone center of our company.
0x01010018	Remote request error Remote operation is being performed in the path different from the communicating path.	Cancel the remote operation being performed in the other path.
0x01010020	Link error Link communications could not be made.	Check that reset operation is not performed for the other end of communication, the control station (master station) or the station passed through by routing. Check that the network parameter setting is correct.
0x01010021	Special Unit Bus error There is no response from the special unit under consideration.	Repair or exchange the special unit under consideration. Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0.0100001	No command error	The corresponding method does not support
0x01800001	The method does not support.	The corresponding method does not support.
0x01800002	Memory lock error	Exit the program and restart the IBM-PC/AT compatible. $*1$
0v01800003	Memory securing error	Exit the program and restart the IBM-PC/AT compatible. $*1$
0.01000003		Exit other programs and secure free memory area.
		Exit the program and restart the IBM-PC/AT compatible.
0x01800004	DLL load error	Exit other programs and secure free memory area.
		Reinstall MX Component.
0x01800005	Resource securing error	Exit the program and restart the IBM-PC/AT compatible.
		Exit other programs and secure free memory area.
		Execute again after the other object completes the
	Resource Timeout error	communication.
0x01801001	The resource could not be retrieved within the	Execute again after increasing the timeout value.
	specified time.	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
0x01801002	Multi-line open error	Exit the program and restart the IBM-PC/AT compatible.
0x01801003	Open not yet executed	Exit the program and restart the IBM-PC/AT compatible.
		Exit the program and restart the IBM-PC/AT compatible.
0x01801004	Open Type error	Reinstall MX Component.
		Inform the telephone center of our company.
0x01801005	Specified port error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Check that the actual system configuration matches to the
		settings in the communication settings utility or the values of
0x01801006	Specified module error	the properties.
	·	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MA Component.
	Specified CPU error	Check the CPLI type set to ActCpuType
		Check that the system configuration is not an unsupported
		configuration
0x01801007		Exit the program and restart the IBM-PC/AT compatible
		Reinstall MX Component.
		Check the packet type set to ActPacketType.
0x01801008	Target station access error	Review the target station.
		Exit the program and restart the IBM-PC/AT compatible.
0x01801009	Registry open failure	Reinstall MX Component.
	Failed while opening data key of the registry.	Inform the telephone center of our company.
0x0180100A	Packet Type error	Recheck the ActPacketType.
		Exit the program and restart the IBM-PC/AT compatible.
	The packet type specified is incorrect.	Reinstall MX Component.
0x0180100B	Protocol Type error The protocol specified is incorrect.	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
0x0180100C	Registry search failure	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
0x0180100D	GetProcAddress failure	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.

* 1: When using an Interface board for personal computers, refer to Appendix 4.

Error Code	Error Definition	Corrective action
0x0180100E	DLL non-load error	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component.
0x0180100F	Another Object in execution Method cannot be executed because of exclusive control in progress.	Execute again after some time.
0x01802001	Device error The device character string specified in the method is an unauthorised device character string.	Review the device name.
0x01802002	Device number error The device character string number specified in the method is an unauthorised device number.	Review the device number.
0x01802003	Program Type error	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x01802004	Sumcheck error The sumcheck value of the received data is abnormal.	Check the module side sumcheck setting. Check the sumcheck property of the control. Check the cable. Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component.
0x01802005	Size error The number of points specified in the method is unauthorised.	Check the number of points specified in the method. Review the system, e.g. programmable controller CPU, module setting and cable status. Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component.
0x01802006	Block number error The block specifying number in the device character string specified in the method is unauthorised.	Review the block specifying number in the device character string specified in the method.
0x01802007	Receive data error The data received is abnormal.	Review the system, e.g. programmable controller CPU, module setting and cable status. Check the cable. Exit the program and restart the IBM-PC/AT compatible.
0x01802008	Write Protect error	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x01802009	Reading Parameters error	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x0180200A	Writing Parameters error	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x0180200B	Programmable controller type mismatch The CPU type set to the property and the CPU type set on the communication settings utility do not match the CPU type on the other end of communication.	Set the correct CPU type as the CPU type of the property. Set the correct CPU type on the communication settings utility. Review the system, e.g. programmable controller CPU, module setting and cable status.
0x0180200C	Request Cancel error The request was cancelled while being processed.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x0180200D		Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
	The specified drive name is incorrect.	Inform the telephone center of our company.
0x0180200E		Exit the program and restart the IBM-PC/AT compatible.
	Beginning Step error	Reinstall MX Component.
	The beginning step specified is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180200F	Parameter Type error	Reinstall MX Component.
	l ne parameter type is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802010		Reinstall MX Component.
	The file name is incorrect.	Inform the telephone center of our company.
	Status error	Exit the program and restart the IBM-PC/AT compatible.
0x01802011	The status of Registration/Cancellation/Setting	Reinstall MX Component.
	is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802012	Detailed Condition Field error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802013	Step Condition error	Reinstall MX Component.
	•	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802014	Bit Device Condition error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802015	Parameter Settings error	Reinstall MX Component.
		Inform the telephone center of our company.
	Error in specifying telephone exchange number.	Check the telephone exchange number.
	Method does not support the operations	Check if the method being executed is supported or not.
0x01802016	corresponding to the specified telephone	Check the system configuration such as programmable
	exchange number.	controller, unit, etc.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802017	Keyword error	Reinstall MX Component.
		Inform the telephone center of our company.
	Read/Write Flag error	Exit the program and restart the IBM-PC/AT compatible.
0x01802018		Reinstall MX Component.
		Inform the telephone center of our company.
	Refresh Method error	Exit the program and restart the IBM-PC/AT compatible.
0x01802019		Reinstall MX Component.
		Inform the telephone center of our company.
0x0180201A	Buffer Access Method error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
0x0180201B	Start Mode/Stop Mode error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
0x0180201C	Written clock data error	
	Clock data specified for write cannot be written	Review the clock data to be written.
	properly since that data is in error.	

Error Code	Error Definition	Corrective action
	Online clock data write error	
	Write of clock data failed.	Place the programmable controller CPU in the STOP
0x0180201D	Clock data cannot be written since the	status.
	programmable controller CPU is during RUN.	
		Exit the program and restart the IBM-PC/AT compatible.
0x0180201E	ROM drive error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180201F	While Tracing error	Reinstall MX Component.
	Invalid operation was carried out during trace.	Inform the telephone center of our company.
		Check the value of the first I/O number specified in the
	First I/O number error	method.
0x01802020	The first I/O number specified in the method is	Using the GPP function, check the programmable
•	an unauthorised value.	controller CPU parameters (I/O assignment).
		Exit the program and restart the IBM-PC/AT compatible.
	First address error	Check the value of the buffer address specified in the
0x01802021	The buffer address specified in the method is an	method.
	unauthorised value.	Exit the program and restart the IBM-PC/AT compatible.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802022	Pattern error	Reinstall MX Component.
		Inform the telephone center of our company.
		Evit the program and restart the IBM-PC/AT compatible
0x01802023	SEC Block No. error	Reinstall MX Component
0.01002020		Inform the telephone center of our company.
		Evit the program and restart the IBM-PC/AT compatible
0x01802024	SEC Step No. error	Reinstall MX Component
0.0100202.		Inform the telephone center of our company
		Evit the program and restart the IBM-PC/AT compatible
0x01802025	Step No. error	Reinstall MX Component
0.01002020		Inform the telephone center of our company
		Evit the program and restart the IBM-PC/AT compatible
0v01802026	Data error	Deinstall MY Component
0101002020		Inform the telephone center of our company
		Evit the program and restart the IBM PC/AT compatible
∩√01802027	System Data arror	EXIL (ITE program and restart the inivi-r Gram Companyie.
0101002021	System Data entri	Reilistali wix component.
		Inform the telephone center of our company.
0.0100000	Error in number of TC pottings Value	
UXU 1002020	EITOP IN NUMBER OF TO SELLINGS VALUE	Reinstall Wix Component.
0x01802029	Clear Mode error	
		Reinstall wix Component.
0x0180202A	Signal Flow error	Exit the program and restart the IBM-PC/AT compatible.
		Inform the telephone center of our company.
0x0180202B	Version Control error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x0180202C		Exit the program and restart the IBM-PC/AT compatible.
	Monitor Not Registered error	Reinstall MX Component.
		Inform the telephone center of our company.
0x0180202D		Exit the program and restart the IBM-PC/AT compatible.
	PI Type error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180202E	PI No error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180202F	Error in Number of PIs	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802030	Shift error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802031	File Type error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802032	Specified Unit error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802033	Error check flag error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802034	Step RUN operation error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802035	Step RUN data error	Reinstall MX Component.
		Inform the telephone center of our company.
	During Step RUN error	Exit the program and restart the IBM-PC/AT compatible.
0x01802036		Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802037	Write error while running program corresponding to E2PROM	Reinstall MX Component.
		Inform the telephone center of our company.
	Clock data read/write error	
	The clock data read/write method was executed	
0x01802038	for the programmable controller CPU which	Do not execute clock data read/write.
	does not have the clock devices.	
0x01802039	Trace not completed error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
0x0180203A	Registration Clear Flag error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
0x0180203B	Operation error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x0180203C		Exit the program and restart the IBM-PC/AT compatible.
	Error in the number of exchanges	Reinstall MX Component.
		Inform the telephone center of our company.
0x0180203D		Exit the program and restart the IBM-PC/AT compatible.
	Error in number of loops specified	Reinstall MX Component.
•••••		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180203E	Retrieve data selection	Reinstall MX Component.
•		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180203F	Error in number of SFC cycles	Reinstall MX Component.
		Inform the telephone center of our company.
	Motion programmable controller error	Exit the program and restart the IBM-PC/AT compatible.
0x01802040		Reinstall MX Component.
•		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802041	Motion programmable controller Communication	Reinstall MX Component.
	error	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802042	Fixed execution time setting error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802043	Fror in number of functions	Reinstall MX Component
		Inform the telephone center of our company.
		Evit the program and restart the IRM-PC/AT compatible
0x01802044	System information specification error	Reinstall MX Component
0.01002011		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802045	Registration Condition Not Formed error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802046	Function No. error	Reinstall MX Component.
0.00.001_01		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802047	RAM drive error	Reinstall MX Component.
0.00.00121		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802048	ROM drive error at the booting side	Reinstall MX Component.
0.00.001_01.0		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802040	Transfer mode specification error at the booting side	Reinstall MX Component.
0.0000000000000000000000000000000000000		Inform the telephone center of our company.
0x0180204A		Exit the program and restart the IBM-PC/AT compatible
	Insufficient memory error	Reinstall MX Component.
		Inform the telephone center of our company.
0x0180204B	Back up drive ROM error	Exit the program and restart the IBM-PC/AT compatible
		Reinstall MX Component
		Inform the telephone center of our company

Error Code	Error Definition	Corrective action
0x0180204C		Exit the program and restart the IBM-PC/AT compatible.
	Block size error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180204D	Detached during RUN state error	Reinstall MX Component.
	3	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180204E	Unit Already Registered error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180204F	Password Registration Data Full error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01802050	Password Not Registered error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802051	Remote Password error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802052	IP Address error	Reinstall MX Component.
0.001002002		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802053	Timeout value out of range error	Reinstall MX Component.
0,01002000		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802054	Command not detected error	Reinstall MX Component
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802055	Trace execution type error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01802056	Version error	Reinstall MX Component.
		Inform the telephone center of our company.
	Tracking cable error	
	The tracking cable is faulty.	Reexamine the system such as the programmable
0x01802057	The programmable controller CPU status is	controller CPU, module setting and cable status.
	error.	, i i i i i i i i i i i i i i i i i i i
	Keyword protection error	
0x0180205C	Programmable controller is protected by the key	Disable the keyword and execute again.
	word.	
0x0180205D	Keyword disable error	
	The inputted keyword is wrong.	Input a correct keyword.
0x0180205E	Keyword protecting error	
	Programmable controller did not accept the	Execute again or re-switch the power of the
	protecting command.	programmable controller.
	Keyword entry error	
0x0180205F	An illegal character is included in the inputted	Input a correct keyword.
	keyword.	
Error Code	Error Definition	Corrective action
-------------	--	--
0v01802060	Keyword deletion error	Input a correct keyword
0.01002000	The inputted keyword is wrong.	
	Received packet CRC check error	
0x01802062	An error occurred in CRC check for receive	Execute the communication process again.
	packet data.	
	Received packet CRC check error	
0x01802063	An error occurred in CRC check for whole data	Execute the communication process again.
	file of receive packet.	
0x01802064	FX Series programmable controller connection	Please contact out telephone center.
		· · · · · · · · · · · · · · · · · · ·
0.04002070	Online change program error	Execute the online change after turning the programmable
UXU 1802070	No target program for online change exists in	controller CPU to STOP.
	The programmable controller CFU.	
		Check that the personal computer and the programmable
0x01802071	Multiple responses were received during Ether	Check that the personal computer and the programmable
	Ether direct communication error	
	Cannot communicate because the	
0x01802072	programmable controller CPU is being accessed	Check that the personal computer and the programmable
	by another personal computer during Ether	controller CPU are in a one-to-one connection.
	direct communication.	
	Programmable controller CPU search response	
	error	Deduce the number of programmable controllers on the
0x01802073	The number of responses in the programmable	Reduce the number of programmable controllers on the
	controller CPU search exceeded the maximum	THE WOLK TO TOZA OF TESS.
	number to be searched.	
	Redundant system other system connection diagnostics error	Disconnect the cable and connect it to the currently
0x01802074		disconnected programmable controller CPU. Or, change
		the redundant CPU specification to the self system.
0x01808001	Multiple Open error	Exit the program and restart the IBM-PC/AT compatible.
-	Open method was executed while it was open	Execute any method other than Open.
	Channel number specifying error	Set the correct value to the port number of the property.
0x01808002	The port number set to the property and the port	Make communication settings again on the
	number set on the communication settings utility	communication settings utility.
	Driver not yet started	
0x01808003	The network board driver is not started	The network board driver is not started. Start the driver.
		Exit the program and restart the IBM-PC/AT compatible.
0x01808004	Frror in overlap event generation	Reinstall MX Component.
0,01000004		Inform the telephone center of our company.
	MUTEX generation error	
0x01808005	Creation of MUTEX to exercise exclusive control	Exit the program and restart the IBM-PC/AT compatible.
	failed.	
		Exit the program and restart the IBM-PC/AT compatible.
0x01808006	Endin III Socket object generation	Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
		Check for a running application which uses the same port
		number.
		Retry after changing the port number value of the
		property
0x01808007	Socket object generation error	Retry after changing the port number value on the
	Creation of the Socket object failed.	communication settings utility
		Make Ethernet board and protocol settings on the control
		nanel of the OS
		Exit the program and restart the IBM-PC/AT compatible
		Review the IP address and port number values of the
		properties
	Port connection error	Review the port number value on the communication
0v01808008	Establishment of connection failed	settings utility
0.01000000	The other and does not respond	Review the system e.g. programmable controller CPU
		module setting and cable status
		Exit the program and restart the IBM-PC/AT compatible
	COM port handle error	
	The handle of the COM part expost he acquired	Check for an application which uses the COM part
0x01808009	The failule of the COM port carnot be acquired.	Check for an application which uses the COM port.
	The COM port objet cannot be copied.	
	The SOCKET object cannot be copied.	Check for an application which uses the COM part
0.01909004	Buffer size setting error	Check for an application which uses the COM port.
0X0160600A	Setting of the COM port buffer size failed.	wake COM port setting on the control parter of the OS.
		Exit the program and restart the IBM-PC/AT compatible.
0.0100000	DCB value acquisition error	Check for an application which uses the COM port.
0X0180800B	Acquisition of the COM port DCB value failed.	Make COM port setting on the control panel of the OS.
		Exit the program and restart the IBM-PC/AT compatible.
0.04000000	DCB setting error Setting of the COM port DCB value failed.	Check for an application which uses the COM port.
0x0180800C		Make COM port setting on the control panel of the OS.
		Exit the program and restart the IBM-PC/AT compatible.
		Review the time-out value of the property.
		Review the time-out value on the communication settings
0x0180800D	Time-out value setting error	
	Setting of the COM port time-out value failed.	Check for an application which uses the COM port.
		Make COM port setting on the control panel of the OS.
	<u></u>	Exit the program and restart the IBM-PC/AT compatible.
0x0180800E	Snared memory open error	Check whether the GX Simulator has started.
	Open processing of shared memory failed.	Exit the program and restart the IBM-PC/AT compatible.
0x01808101	Duplex close error	Exit the program and restart the IBM-PC/AT compatible.
0x01808102	Handle close error	Exit the program and restart the IBM-PC/AT compatible.
	Closing of the COM port handle failed.	
0x01808103	Driver close error	Exit the program and restart the IBM-PC/AT compatible
0.01000103	Closing of the driver handle failed.	
0x01808104		Exit the program and restart the IBM-PC/AT compatible.
	Overlap Event Close error	Reinstall MX Component.
		Inform the telephone center of our company.
0x01808105		Exit the program and restart the IBM-PC/AT compatible.
	Mutex Handle Close error	Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x01808106	COM Port Handle Close error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
		Review the system, e.g. programmable controller CPU,
		module setting and cable status.
	Or and a man	Make COM port setting on the control panel of the OS.
0x01808201	Send error	Make Ethernet board and protocol settings on the control
	Data send falled.	panel.
		Retry the method.
		Exit the program and restart the IBM-PC/AT compatible.
0,01909202	Send data size error	Exit the program and restart the IPM PC/AT compatible
0x01606202	Data send failed.	
0.01909202	Queue clear error	Exit the program and restart the IBM-PC/AT compatible.
0x01606203	Clearing of the COM port queue failed.	Perform Close once and execute Open again.
		Review the system, e.g. programmable controller CPU,
		module setting and cable status.
	Receive error	Review the time-out value of the property.
0x01808301	Data receive failed	Review the time-out value on the communication settings
		utility.
		Retry the method.
		Exit the program and restart the IBM-PC/AT compatible.
		Exit the program and restart the IBM-PC/AT compatible.
0x01808302	Not Sent error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01808303	Error in retrieving Overlap Event	Reinstall MX Component.
		Inform the telephone center of our company.
	Receive buffer size shortage	
0x01808304	Receive data was larger than the receive buffer	Exit the program and restart the IBM-PC/AT compatible.
	size prepared for the system.	
0.04000404	Control error	
0x01808401	Changing of the COM port communication	Exit the program and restart the IBM-PC/AT compatible.
	control falled.	
0.01000100	Signal Line Control error	Exit the program and restart the IBM-PC/AT compatible.
0x01808402		Reinstall MX Component.
	Signal line anacitizing arror	
0v01808403	Signal line specifying error	Exit the program and restart the IPM PC/AT compatible
0.01000403	control failed	
		Execute Open
0x01808404	Open not yet executed	Execute Open.
	Communication parameter error	
001000405	The data hit and stop hit combination of the	Review the data bit and stop bit values of the properties.
0,01000400	properties is unauthorised	Set them again on the communication settings utility.
	Transmission speed value specifying error	
0x01808406	The transmission speed of the property is	Review the transmission speed value of the property.
	unauthorised.	Set it again on the communication settings utility.
	Data length error	
0x01808407	The data bit value of the property is	Review the data bit value of the property.
	unauthorised.	Set it again on the communication settings utility.

Error Code	Error Definition	Corrective action
3 6 1000 400	Parity specifying error	Review the parity value of the property.
0x01808408	The parity value of the property is unauthorised.	Set it again on the communication settings utility.
	Stop bit specifying error	
0x01808409	The stop bit value of the property is	Review the stop bit value of the property.
	unauthorised.	Set it again on the communication settings utility.
	Communication control setting error	Deview the central value of the property
0x0180840A	The control value of the property is	Review the control value of the property.
	unauthorised.	Set it again on the communication settings utility.
		Review the time-out value of the property.
		Set it again on the communication settings utility.
	Time-out error	Review the system, e.g. programmable controller CPU,
0x0180840B	Though the time-out period had elapsed, data	module setting and cable status.
	could not be received.	Retry the method.
		Perform Close once and execute Open again.
		Exit the program and restart the IBM-PC/AT compatible.
0x0180840C	Connect error	Exit the program and restart the IBM-PC/AT compatible.
0x0180840D	Duplex connect error	Exit the program and restart the IBM-PC/AT compatible.
0x0180840F	Attach failure	Exit the program and restart the IBM-PC/AT compatible.
	Attaching of the socket object failed.	
	Signal line status acquisition failure	
0x0180840F	Acquisition of the COM port signal line status	Exit the program and restart the IBM-PC/AT compatible.
	failed.	
	CD signal line OFF	Review the system, e.g. programmable controller CPU,
0x01808410	The CD signal on the other end of	module setting and cable status.
	communication is in the OFF status.	Exit the program and restart the IBM-PC/AT compatible.
0x01808411	Password mismatch error	Check the remote password of the property.
		Exit the program and restart the IBM-PC/AT compatible.
0x01808412	TEL Communication error	Reinstall MX Component.
		Inform the telephone center of our company.
	USB driver load error	Exit the program and restart the IBM-PC/AT compatible.
0x01808501	Loading of the USB driver failed.	Reinstall MX Component.
	~ 	Check USB driver installation.
2 21000500	USB driver connect error	Exit the program and restart the IBM-PC/AT compatible.
0x01808502	Connection of the USB driver failed.	Reinstall MX Component.
		Review the system, e.g. programmable controller CPU,
	LICD driver conderror	Module Setting and Cable Status.
0x01808503	Dete send failed	
		life US. Boto: the method
		Evit the program and restart the IRM-PC/AT compatible
		Paview the system e.g. programmable controller CPU
		Review the system, e.g. programmable controller or o,
	I ISB driver receive error	Make USB setting on the control panel (device manger) of
0x01808504	Data receive failed	the OS
		Retry the method
		Fixit the program and restart the IBM-PC/AT compatible.
		Recheck the timeout value.
	USB Driver Timeout error	Fxit the program and restart the IBM-PC/AT compatible.
0x01808505		Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x01808506	USB driver initialisation error	Make USB setting on the control panel (device manger) of the OS.
		Exit the program and restart the IBM-PC/AT compatible.
	Other LICD error	Disconnect the cable once, then reconnect.
0x01808507	Circle USB error	Exit the program and restart the IBM-PC/AT compatible.
	Error related to data send/receive occurred.	Reinstall MX Component.
	GX Works2 uninstallation error	
0x01809000	The error occurred by retrieving the installation	Reinstall GX Works2.
	passing of GX Simulator2.	
0.04000004	GX Simulator2 unstart error	
0x01809001	GX Simulator2 did not start.	Start GX Simulator2.
		Exit the program and restart the IBM-PC/AT compatible.
0x01809002	GX Simulator2 start error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01809003	GX Simulator2 start time-out error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x01809004	GX Simulator2 stop error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x01809005	GX Simulator2 start error	Reinstall MX Component
		Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x01809007	GX Simulator2 stop error	Reinstall MX Component
0.01000001		Inform the telephone center of our company
	GX Simulator2 start error	
	Because it had reached upper bounds of the	Exit the program and restart the IBM-PC/AT compatible
0v01800008	number of simulations that was able to be	Reinstall MX Component
0,01000000	started at the same time, it was not possible to	Inform the telephone center of our company
	start	
	GX Simulator2 start error	Exit the program and restart the IBM-PC/AT compatible
0x01809009	The simulation of only one project that can be	Reinstall MX Component
	started has started	Inform the telephone center of our company
	GX Simulator2 start information illegal error	
	The error occurred because it was not able to	Exit the program and restart the IBM-PC/AT compatible.
0x01809010	secure the memory area to allocate GX	Reinstall MX Component.
	Simulator2 start information	Inform the telephone center of our company.
	GX Simulator2 start error	
	Because it had reached upper bounds of the	Exit the program and restart the IBM-PC/AT compatible
0x01809021	number of simulations that was able to be	Reinstall MX Component
	started at the same time, it was not possible to	Inform the telephone center of our company
	start	international company.
	GX Simulator2 start error	
0x01809022	The simulation of other CPU was not able to	Exit the program and restart the IBM-PC/AT compatible.
	begin because the simulation of the project of	Reinstall MX Component.
	FXCPU had already been begun.	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x02000001		Reduce the no. of points registered by the monitor.
	Points Exceeded error	Exit the program and restart the IBM-PC/AT compatible.
	The number of points registered in the	Reinstall MX Component.
	monitoring server is very high.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x02000002	Shared memory creation error	Reinstall MX Component.
	Failed in creating shared memory.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x02000003	Shared memory access error	Reinstall MX Component.
		Inform the telephone center of our company.
		Close the other applications.
	Memory Secure error	Increase the system memory.
0x02000004	Failed in securing memory for the monitoring	Exit the program and restart the IBM-PC/AT compatible.
	server.	Reinstall MX Component.
		Inform the telephone center of our company.
		Register the monitor in the monitoring server.
	Device Not Registered error	Exit the program and restart the IBM-PC/AT compatible.
0x02000005	Monitor has not been registered	Reinstall MX Component.
	i i i i i i i i i i i i i i i i i i i	Inform the telephone center of our company.
		Start the Monitoring Server.
	Monitoring Server Startup error	Exit the program and restart the IBM-PC/AT compatible.
0x02000006	Monitoring Server is not started.	Reinstall MX Component.
		Inform the telephone center of our company.
		Try to retrieve the value again after waiting for a fixed
	Yet to retrieve Device Value error Monitoring is not yet completed	amount of time.
0x02000010		Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
	Command not Supported.	Exit the program and restart the IBM-PC/AT compatible.
0x03000001		Reinstall MX Component.
	Command is not supported.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03000002	Memory Lock error	Reinstall MX Component.
	Failed while locking memory.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03000003	Error Securing Memory	Reinstall MX Component.
	Failed in securing the memory.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03000004	DLL read error	Reinstall MX Component.
	Failed in reading DLL.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03000005	Error in securing Resources.	Reinstall MX Component.
	Failed in securing the resources.	Inform the telephone center of our company.
0x03010001		Check if there is enough space on the hard disk.
	File Creation error Failed in creating the file.	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03010002		Reinstall MX Component.
	Falled to open the file.	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x03010003	Buffer Size error The buffer size specified is either incorrect or	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
	not enough.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03010004	SIL Sentence formation error	Reinstall MX Component.
	SIL sentence formation is incorrect.	Inform the telephone center of our company.
		Specify a shorter filename.
	Filename error	Exit the program and restart the IBM-PC/AT compatible.
0x03010005	The specified filename is too long.	Reinstall MX Component.
		Inform the telephone center of our company.
		Check the filename.
		Check if the file exists or not.
0x03010006	File does not exist error	Exit the program and restart the IBM-PC/AT compatible.
	The specified file does not exist.	Reinstall MX Component.
		Inform the telephone center of our company.
	File Structure error	Exit the program and restart the IBM-PC/AT compatible
0x03010007	The data structure in the specified file is	Reinstall MX Component
0,00010001	incorrect	Inform the telephone center of our company
		Check the filename
	File already exists error	Exit the program and restart the IBM-PC/AT compatible
0x03010008	The specified file already exists	Reinstall MX Component
		Inform the telephone center of our company
		Check the filename
	File dece not eviat error	Exit the program and restart the IBM-PC/AT compatible
0x03010009	The specified file does not exist	Exit the program and restart the IDM-F C/AT compatible.
	The specified life does not exist.	Inform the telephone center of our company
		Exit the program and restart the IPM PC/AT compatible
0x03010004	File Deletion error The specified file could not be deleted.	Exit the program and restart the IDM-F C/AT compatible.
0X0301000A		Inform the telephone center of our company
		Exit the program and restart the IPM PC/AT compatible
0v0301000B	Multiple Open error The specified project has been opened twice.	Exit the program and restart the IBM-FC/AT compatible.
0x0301000B		Inform the telephone conter of our company
		Check the filenome
	Filename error The specified filename is incorrect.	Exit the program and restart the IPM DC/AT compatible
0x0301000C		Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MA Component.
		Exit the program and restart the IDM DC/AT compatible
0,02010000	File Read error	Exit the program and restart the IBM-PC/AT compatible.
0x0301000D	Falied in reading the file.	Reinstall MA Component.
		Full the pregram and restart the IDM DC/AT compatible
0.02010005	File Write error	Exit the program and restart the IBM-PC/AT compatible.
0x0301000E	Failed in writing the file.	Reinstall MX Component.
		Fight the area mere and restart the IDM DO (AT some stills
0x0301000F	File Seek error	Exit the program and restart the IBM-PC/AT compatible.
	File seek failed.	Reinstall MX Component.
0.00040040	File Close error	Exit the program and restart the IBM-PC/AT compatible.
0x03010010	Failed while closing the file.	
		inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x03010011		Exit the program and restart the IBM-PC/AT compatible.
	Folder Creation error	Reinstall MX Component.
	Failed while creating the folder.	Inform the telephone center of our company.
	51.0	Exit the program and restart the IBM-PC/AT compatible.
0x03010012	File Copy error	Reinstall MX Component.
	Failed while copying the file.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03010013	Project Path error	Reinstall MX Component.
	The length of the project path is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03010014	Project Type error	Reinstall MX Component.
	The project type is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03010015	File Type error	Reinstall MX Component.
	The file type is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03010016	Sub-File Type error	Reinstall MX Component.
	The sub-file type is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03010017	Insufficient Disk space error	Reinstall MX Component.
	The disk space is insufficient.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x03020002	Multiple Open error	Reinstall MX Component.
0.00000000	Tried to open DBProduct more than once.	Inform the telephone center of our company.
	Not Opened error DBProduct is not opened.	Exit the program and restart the IBM-PC/AT compatible
0x03020003		Reinstall MX Component.
		Inform the telephone center of our company.
	Extract error DBProduct is not extracted.	Exit the program and restart the IBM-PC/AT compatible
0x03020004		Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x03020010	Parameter error The parameters of DBProduct are incorrect.	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x03020011	Language error The language parameter is incorrect.	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x03020012	Error in specifying Maker	Reinstall MX Component.
	The maker parameter is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x03020013	Error in specifying Unit	Reinstall MX Component.
	The unit parameter is incorrect.	Inform the telephone center of our company.
0x03020014		Exit the program and restart the IBM-PC/AT compatible
	SQL Parameter error SIL, SQL Parameter of DBProduct is incorrect.	Reinstall MX Component.
		Inform the telephone center of our company.
0x03020015		Exit the program and restart the IBM-PC/AT compatible
	SIL Sentence formation error SIL sentence formation is incorrect.	Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x03020016		Exit the program and restart the IBM-PC/AT compatible.
	Field Key Input error	Reinstall MX Component.
	The field key entered is incorrect.	Inform the telephone center of our company.
	Record Data Construction error.	Exit the program and restart the IBM-PC/AT compatible.
0x03020050	Failed in reconstructing the record data of	Reinstall MX Component.
	DBProduct.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03020060	Error Retreiving Record Data	Reinstall MX Component.
	Failed while retrieving DBProduct record data.	Inform the telephone center of our company.
	Last Record error	Exit the program and restart the IBM-PC/AT compatible.
0x03020061	Cannot retrieve the next record since the current	Reinstall MX Component.
	record is the last record.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF0000	Initialization error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF0001	Not Initialized error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF0002	Multiple Initialization error	Reinstall MX Component.
		Inform the telephone center of our company.
	Workspace Initialization error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0003		Reinstall MX Component.
		Inform the telephone center of our company.
	Database Initialization error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0004		Reinstall MX Component.
		Inform the telephone center of our company.
	Recordset Initialization error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0005		Reinstall MX Component.
		Inform the telephone center of our company.
	Error Closing Database	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0006		Reinstall MX Component.
		Inform the telephone center of our company.
	Error Closing Recordset	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0007		Reinstall MX Component.
		Inform the telephone center of our company.
	Detabase Nat Opened error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0008	Database Not Opened entor	Reinstall MX Component.
		Inform the telephone center of our company.
	Reportant Not Opened error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0009	Recordset Not Opened error	Reinstall MX Component.
	Recordset is not opened.	Inform the telephone center of our company.
0x03FF000A	Table Initialization error	Exit the program and restart the IBM-PC/AT compatible.
	Table Initialization error Failed in initializing TtableInformation table	Reinstall MX Component.
		Inform the telephone center of our company.
0x03FF000B	Table Initialization error	Exit the program and restart the IBM-PC/AT compatible.
	Failed in initializing The distance to be	Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF000C	Table Initialization error	Reinstall MX Component.
	Failed in initializing TrelationInformation table	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF000D	Table Initialization error	Reinstall MX Component.
	Failed in initializing Tlanguage table	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF000E	Table Initialization error	Reinstall MX Component.
	Failed in initializing Tmaker table	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF000F	Table Initialization error	Reinstall MX Component
	Failed in initializing TOpenDatabase table	Inform the telephone center of our company
		Evit the program and restart the IRM-PC/AT compatible
0v03EE0010	Field Value error	Exit the program and restart the initial oral companion.
		Reinstall with Component.
		Eit the pregram and restart the IDM DC/AT compatible
0.00550011		
0x03FF0011	Field Value error	Reinstall MX Component.
		Inform the telephone center of our company.
	Exit error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0012	Failed to exit the database.	Reinstall MX Component.
ļ		Inform the telephone center of our company.
	Moving Record error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0100	Failed while moving the record	Reinstall MX Component.
		Inform the telephone center of our company.
	Petroiving Pecord Count error	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0101	Relieving Record Count end	Reinstall MX Component.
	Failed to retrieve the record count.	Inform the telephone center of our company.
	Retreiving Field Value error Failed in retrieving the field value.	Exit the program and restart the IBM-PC/AT compatible.
0x03FF0110		Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FF0111	Setting Field Value error	Reinstall MX Component.
	Failed in setting the field value.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x03FFFFFF	Other errors	Reinstall MX Component
		Inform the telephone center of our company.
		Check the CDL type set to ActChuType
	No command error	Check whether the system configuration is supported or
0~04000001	The specified CPU type cannot be used to	not
0.04000001	Increase of the carrier be used to	First the program and rostart the IBM PC/AT compatible
	periorni processing.	EXIST THE PLOYIALITIATION TESTAT THE IDIVI-FORAT COMPANY.
		Relinstant with Component.
0x04000002	Memory lock error	Exit the program and restart the IBIN-PC/AT compatible.
	Failed in locking memory.	Reinstall MX Component.
		Inform the telephone center of our company.
	Securina Memory error	Exit the program and restart the IBM-PC/AT compatible.
0x04000003	Failed in securing the memory.	Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04000004		Check for the deleted or moved installation file of MX
	Internal server DLL load error	Component.
	Start of the internal server failed.	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Exit the program and restart the IBM-PC/AT compatible.
0x04000005	Securing Resources error	Reinstall MX Component.
	Falled in securing the resources.	Inform the telephone center of our company.
	Error Loading Main Object	Exit the program and restart the IBM-PC/AT compatible.
0x04000006	Enor Loading Main Object	Reinstall MX Component.
		Inform the telephone center of our company.
	Error Loading Conversion Table	Exit the program and restart the IBM-PC/AT compatible.
0x04000007	Eailed in reading table data	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04000100	Incorrect Intermediate Code Size error	Reinstall MX Component.
		Inform the telephone center of our company.
	Intermediate Code Not Converted error	Exit the program and restart the IBM-PC/AT compatible.
0x04010001	The converted machine code for one command	Reinstall MX Component.
	is more than 256 bytes.	Inform the telephone center of our company.
	Intermediate Code Completion error	Exit the program and restart the IBM-PC/AT compatible.
0x04010002	Intermediate code area of the code to be	Reinstall MX Component.
	converted ended abruptly.	Inform the telephone center of our company.
	Insufficient Intermediate Code error	Exit the program and restart the IBM-PC/AT compatible.
0x04010003	The intermediate code of the code to be	Reinstall MX Component.
	converted was insufficient.	Inform the telephone center of our company.
	Intermediate Code Data error	Exit the program and restart the IBM-PC/AT compatible.
0x04010004	The intermediate code to be converted is	Reinstall MX Component.
		Inform the telephone center of our company.
0.04040005	Intermediate Code Structure error	Exit the program and restart the IBM-PC/AT compatible.
0x04010005	incorrect	Reinstall MX Component.
	Incorrect.	Exit the program and restart the IDM DC/AT compatible
0.04010006	The number of stops in common intermediate	Exit the program and restart the IBM-PC/AT compatible.
0,04010000		Inform the telephone conter of our company
	Insufficient Storage Space for Machine Code	
	error	Exit the program and restart the IBM-PC/AT compatible.
0x04010007	The storage space for machine code is	Reinstall MX Component.
	insufficient	Inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible
0x04010008	(Other errors generated during the conversion of	Reinstall MX Component.
	Intermediate code to machine code.)	Inform the telephone center of our company.
	Machine Code Not Converted error	Exit the program and restart the IBM-PC/AT compatible.
0x04011001	The converted intermediate code for one	Reinstall MX Component.
	command is more than 256 bytes.	Inform the telephone center of our company.
0x04011002	Machine Code Completion error	Exit the program and restart the IBM-PC/AT compatible.
	The machine code area to be converted ended	Reinstall MX Component.
	abruptly.	Inform the telephone center of our company.
0x04011003	Abnormal Machine Code	Exit the program and restart the IBM-PC/AT compatible.
	Could not convert since the machine code to be	Reinstall MX Component.
	converted was abnormal.	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04011004	Insufficient Storage Space for Intermediate	
	Code error	Exit the program and restart the IBM-PC/AT compatible.
	The storage area for intermediate code is	Reinstall MX Component.
	insufficient.	inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible.
0x04011005	Other errors generated while converting	Reinstall MX Component.
	machine code to Intermediate code.	Inform the telephone center of our company.
	Text Code Not Converted error	Exit the program and restart the IBM-PC/AT compatible.
0x04020001	The converted intermediate code for one	Reinstall MX Component.
	command is more than 256 bytes.	Inform the telephone center of our company.
	No input error	Exit the program and restart the IBM-PC/AT compatible.
0x04020002	The input list and is insufficient	Reinstall MX Component.
	The input list code is insufficient.	Inform the telephone center of our company.
	Command error	Exit the program and restart the IBM-PC/AT compatible.
0x04020003	The command name of list code to be converted	Reinstall MX Component.
	is incorrect.	Inform the telephone center of our company.
	Device error	Exit the program and restart the IBM-PC/AT compatible.
0x04020004	The device name of list code to be converted is	Reinstall MX Component.
	incorrect.	Inform the telephone center of our company.
	Device Number error	Exit the program and restart the IBM-PC/AT compatible.
0x04020005	The device number of the list code to be	Reinstall MX Component.
	converted is out of range.	Inform the telephone center of our company.
	Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04020006	The list code to be converted conversion could	Reinstall MX Component.
	not be identified.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04020007	Text Data error	Reinstall MX Component.
	The list code to be converted is incorrect.	Inform the telephone center of our company.
	Error in SFC Operation Output	Exit the program and restart the IBM-PC/AT compatible.
0x04020008	The output command of SFC operation is	Reinstall MX Component.
	incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04020009	SFC Shift Condition error	Reinstall MX Component.
	SFC shift condition command is incorrect.	Inform the telephone center of our company.
	Error in Statements between lines	Exit the program and restart the IBM-PC/AT compatible.
0x0402000A	The statements entered between lines are	Reinstall MX Component.
	incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0402000B	P.I Statement error	Reinstall MX Component.
	The P.I statement entered is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0402000C	Note error	Reinstall MX Component.
	The Note entered is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0402000D	Comment error	Reinstall MX Component.
	The comment entered is incorrect.	Inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible
0x0402000F	(Other errors generated during the conversion of	Reinstall MX Component.
	list to Intermediate code)	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04021001	Intermediate Code Not Converted error	Exit the program and restart the IBM-PC/AT compatible.
	The converted list code for one command has	Reinstall MX Component.
	exceeded 256 bytes.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04021002	Intermediate Code Area Full error	Reinstall MX Component.
	Intermediate code area to be converted is full.	Inform the telephone center of our company.
	Command error	Exit the program and restart the IBM-PC/AT compatible.
0x04021003	The command specified by the intermediate	Reinstall MX Component.
	code to be converted is incorrect.	Inform the telephone center of our company.
	Device error	Exit the program and restart the IBM-PC/AT compatible.
0x04021004	The device specified in the intermediate code to	Reinstall MX Component.
	be converted is incorrect.	Inform the telephone center of our company.
	Intermediate Code error	Exit the program and restart the IBM-PC/AT compatible.
0x04021005	The structure of intermediate code to be	Reinstall MX Component.
	converted is incorrect.	Inform the telephone center of our company.
	Insufficient List Storage Space error	Exit the program and restart the IBM-PC/AT compatible.
0x04021006	The space for storing the converted list code is	Reinstall MX Component.
	insufficient.	Inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible.
0x04021007	(Other errors generated during the conversion of	Reinstall MX Component.
	intermediate code to list)	Inform the telephone center of our company.
	Not Converted error	Exit the program and restart the IBM-PC/AT compatible.
0x04030001	The storage space for converted intermediate	Reinstall MX Component.
	code is insufficient.	Inform the telephone center of our company.
	Bad Circuit Creation error	Exit the program and restart the IBM-PC/AT compatible.
0x04030002	The character memory circuit is not completed	Reinstall MX Component.
	in a sequence.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04030003	Specified Circuit Size Exceeded	Reinstall MX Component.
	Specified circuit size is too big.	Inform the telephone center of our company.
	Incorrect Return Circuit error	
0.04000004	There is no consistency before and after the	Exit the program and restart the IBM-PC/AT compatible.
0x04030004	return circuit. The setting for the return circuit is	Reinstall MX Component.
	too high.	inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible.
0x04030005	(Other errors generated while converting from	Reinstall MX Component.
	Character Memory to Intermediate Code)	Inform the telephone center of our company.
	Not Converted error	Exit the program and restart the IBM-PC/AT compatible.
0x04031001	The size (vertical/horizontal) of the character	Reinstall MX Component.
	memory specified is incorrect.	Inform the telephone center of our company.
0x04031002	Abnormal Command Code error	Exit the program and restart the IBM-PC/AT compatible.
	The command intermediate code to be	Reinstall MX Component.
	converted is incorrect.	Inform the telephone center of our company.
0x04031003	Bad Circuit Creation error	Exit the program and restart the IBM-PC/AT compatible.
	Could not be converted to Sequence Circuit.	Reinstall MX Component.
	There is no END command.	Inform the telephone center of our company.
0x04031004	Specified Circuit Circ evended error	Exit the program and restart the IBM-PC/AT compatible.
	Specified orcuit size exceeded error	Reinstall MX Component.
	Specified circuit size is too big.	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04031005		Exit the program and restart the IBM-PC/AT compatible.
	Fatal error	Reinstall MX Component.
	Fatal error has occured.	Inform the telephone center of our company.
	Insufficient number of storage blocks error	Exit the program and restart the IBM-PC/AT compatible.
0x04031006	The space to store the converted character	Reinstall MX Component.
	memory circuit blocks is not sufficient.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04031007	Circuit Block Search error	Reinstall MX Component
	Data is broken off in the circuit block.	Inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible
0x04031008	(Other errors generated during the conversion of	Reinstall MX Component
	intermediate code to character memory)	Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0~04040001	There is no CAD data to be converted. The CAD	Peinstall MX Component
0,04040001	data format is incorrect	Inform the telephone conter of our company
		Full the pregram and restart the IDM DC/AT compatible
0.04040000	The input CAD date time and the sutput CAD	Exit the program and restart the IBM-PC/AT compatible.
0x04040002	The input CAD data type and the output CAD	Reinstall WX Component.
	data type are not matching.	Inform the telephone center of our company.
	Library Load error	Exit the program and restart the IBM-PC/AT compatible.
0x04040003	Failed to load the library.	Reinstall MX Component.
	,	Inform the telephone center of our company.
	Storage Space Secure error	Exit the program and restart the IBM-PC/AT compatible.
0x04040004	The space secured to store the converted data	Reinstall MX Component.
	is not sufficient.	Inform the telephone center of our company.
	No END Command error	Exit the program and restart the IBM-PC/AT compatible.
0x04040005	There is no END command in the CAD data to	Reinstall MX Component.
	be converted.	Inform the telephone center of our company.
0x04040006	Abnormal Command Code	Exit the program and restart the IBM-PC/AT compatible.
	There is abnormal command code in the CAD	Reinstall MX Component.
	data to be converted.	Inform the telephone center of our company.
	Dovice No. orror	Exit the program and restart the IBM-PC/AT compatible.
0x04040007	The device number is out of range	Reinstall MX Component.
	The device number is out of range.	Inform the telephone center of our company.
	Ctop No. orreg	Exit the program and restart the IBM-PC/AT compatible.
0x04040008	Step No. error	Reinstall MX Component.
	The step number is out of range.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04040009	The specified circuit size exceeded error.	Reinstall MX Component.
	1 circuit block is too big.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0404000A	Return Circuit Error	Reinstall MX Component.
	The return circuit is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x0404000B	Bad Circuit Creation error	Reinstall MX Component.
	The circuit data is incorrect.	Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x0404000C	SFC Data error	Reinstall MX Component
	The SFC data to be converted is incorrect.	Inform the telephone center of our company

Error Code	Error Definition	Corrective action
		Exit the program and restart the IBM-PC/AT compatible.
0x0404000D	List Data error	Reinstall MX Component.
	The list data to be converted is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0404000E	Comment Data error	Reinstall MX Component.
	The comment data to be converted is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0404000F	Statement error	Reinstall MX Component.
	The statement data to be converted is incorrect.	Inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible.
0x04040010	(Other errors generated during the conversion of	Reinstall MX Component.
	CAD code to Intermediate code.)	Inform the telephone center of our company.
	Intermediate Code Data error	Exit the program and restart the IBM-PC/AT compatible.
0x04041001	There is no intermediate code to be converted.	Reinstall MX Component.
	The format of the intermediate code is incorrect.	Inform the telephone center of our company.
	CAD Data Type error	Fxit the program and restart the IBM-PC/AT compatible.
0x04041002	The input CAD data type and the output CAD	Reinstall MX Component.
C ,	data type are not matching.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04041003	Library error	Reinstall MX Component
0,01011000	Failed to load the library.	Inform the telephone center of our company
		Evit the program and restart the IBM-PC/AT compatible
0v04041004	Insufficient Input Data error	Painstall MX Component
0,0404100-	Data to be converted is insufficient.	Inform the telephone center of our company
	Insufficient Storage Space error	Evit the program and restart the IBM_PC/AT compatible
0v04041005	There is not enough snace to store the CAD	Exit the program and restart the initial oral companio.
0,04041000	data to be converted	Inform the telephone center of our company
	Vala to be convented.	Evit the program and restart the IBM PC/AT compatible
0204041006	There is no END command in the CAD data to	Exil the program and restart the inivi-r GAT companyie.
0204041000	Inere is no end command in the CAD data to	Reinstail with Component.
	Abasemal Command Code	Evit the arcogram and rooted the IPM DC/AT compatible
0204041007	Abnormal command code in the CAD	EXIT The program and restart the IDM-FO/AT company.
UXU4U4 1UU7	Inere is abnormal command code in the CAD	Reinstall with Component.
		Inform the telephone center of our company.
0-04044009	Device No. error	Exit the program and restart the IBM-PC/AT companyle.
0x04041006	The device number is out of range.	Reinstall MX Component.
2 2 12 11 000	Step No. error	Exit the program and restart the IBM-PC/AT compatible.
0x04041009	The step number is out of range.	Reinstall MX Component.
		Inform the telephone center of our company.
	The specified circuit size exceeded error	Exit the program and restart the IBM-PC/AT compatible.
0x0404100A	1 circuit block is too big.	Reinstall MX Component.
		Inform the telephone center of our company.
0x0404100B	Return Circuit error	Exit the program and restart the IBM-PC/AT compatible.
	The return circuit is incorrect.	Reinstall MX Component.
		Inform the telephone center of our company.
0x0404100C	Rad Circuit Creation error	Exit the program and restart the IBM-PC/AT compatible.
	The circuit data is incorrect	Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
		Exit the program and restart the IBM-PC/AT compatible.
0x0404100D	SFC Data error	Reinstall MX Component.
	The SFC data to be converted is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0404100E	List Data error	Reinstall MX Component.
	The list data to be converted is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0404100F	Comment Data error	Reinstall MX Component.
	The comment data to be converted is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04041010	Statement error	Reinstall MX Component.
	The statement data to be converted is incorrect.	Inform the telephone center of our company.
	Other errors	Exit the program and restart the IBM-PC/AT compatible.
0x04041011	(Other errors generated during the conversion of	Reinstall MX Component.
	Intermediate code to CAD code.)	Inform the telephone center of our company.
	Insufficient Intermediate Code Storage Space	Exit the program and restart the IBM-PC/AT compatible.
0x040A0001	The space to store the data after conversion is	Reinstall MX Component.
	insufficient.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040A0002	The space to store addition SFC information is	Reinstall MX Component.
	not sufficient	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040A0003	Conversion error	Reinstall MX Component.
		Inform the telephone center of our company.
	Non-SFC Program error	Exit the program and restart the IBM-PC/AT compatible
0x040A0004		Reinstall MX Component.
		Inform the telephone center of our company.
	Step Not Used / No Output error	Exit the program and restart the IBM-PC/AT compatible.
0x040A1001		Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x040A1002	Step No out of range error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040A1003	Step Not Used / No Output error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040A1004	Transition No out of range.	Reinstall MX Component.
	3	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x040A1005	Maximum Number Exceeded error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040A1006	Microcontroller Program space error	Reinstall MX Component.
		Inform the telephone center of our company.
0x040A1007	Non-SFC Program error	Exit the program and restart the IBM-PC/AT compatible
		Reinstall MX Component
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
	Insufficient Intermediate Code Storage Space.	Exit the program and restart the IBM-PC/AT compatible.
0x040B0001	The space to store the data after conversion is	Reinstall MX Component.
	insufficient.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B0002	Conversion error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B1001	Failed in creating Step Start position table	Reinstall MX Component.
	-	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B1002	Error Reading Step Information	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B1003	Step No. error	Reinstall MX Component.
		Inform the telephone center of our company.
	Failed in reading the output of	Exit the program and restart the IBM-PC/AT compatible.
0x040B1004	operation/Transition condition intermediate code	Reinstall MX Component.
	error.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B1005	Securing Internal Work Area Failed error	Reinstall MX Component.
	Č	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B1006	Error in setting the maximum value of X	Reinstall MX Component.
	direction for character memory	Inform the telephone center of our company.
	Insufficient Internal Work Area error	Exit the program and restart the IBM-PC/AT compatible.
0x040B1007		Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B1008	Stack Overflow, Abnormal Character Memory	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B1009	Insufficient No of Storage Blocks error	Reinstall MX Component.
	-	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x040B100A	Non-SFC Program error	Reinstall MX Component.
	č	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04050001	Abnormal Character String Specified error	Reinstall MX Component.
	Device character string specified is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04050002	Device Points error	Reinstall MX Component.
	Device points are out of range	Inform the telephone center of our company.
	Other errors	
0x04050003	(The errors generated during the conversion of	Exit the program and restart the IBM-PC/AT compatible.
	the Device Character String to Device	Reinstall MX Component.
	Intermediate Code)	Inform the telephone center of our company.
	Device Name error	Exit the program and restart the IBM-PC/AT compatible.
0x04051001	The classification specified for the device	Reinstall MX Component.
	intermediate code is incorrect.	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04051002	Device Name error The classification specified for the extended specification device intermediate code is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04051003	Other errors (The errors generated during the conversion of the Device Intermediate Code to Device Character String)	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04052001	Abnormal Character String Specified error Device character string specified is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04052002	Device Points error Device points are out of range.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04052003	Other errors (The errors generated during the conversion of the Device Character String to Device Representation Code)	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04053001	Device Representation error The classification specified for the device intermediate code is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04053002	Device Representation error The classification specified for the extended specification device intermediate code is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04053003	Device Representation error The rectification part specified for the device is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04053004	Device Representation error The rectification part specified for the extended device is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04053005	Other errors (The errors generated during the conversion of the Device Representation Code to Device Character String)	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04064001	Abnormal Device Intermediate Code error The intermediate code for the device is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04064002	Other errors (Other errors generated during the conversion of the Intermediate code for the Device to Device Name)	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04065001	Abnormal Device Name error The classification specified for the intermediate code of the device is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0x04065002	Abnormal Device Name error The classification for the intermediate code of the extended specification device is incorrect.	Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
	Other errors	Exit the program and restart the IBM-PC/AT compatible.
0x04065003	(Other errors generated during the conversion of	Reinstall MX Component.
	the device name to Intermediate code)	Inform the telephone center of our company.
	Device Intermediate Code error	Exit the program and restart the IBM-PC/AT compatible.
0x04066001	The intermediate code for the device is	Reinstall MX Component.
	incorrect.	Inform the telephone center of our company.
	Other errors	
0.01000000	(Other errors generated during the conversion of	Exit the program and restart the IBIN-PC/AT compatible.
0x04066002	the device intermediate code to device	
	representation code.)	Inform the telephone center of our company.
	Device Representation error	Exit the program and restart the IBM-PC/AT compatible.
0x04067001	The classification specified for the intermediate	Reinstall MX Component.
	code of the device is incorrect.	Inform the telephone center of our company.
	Device Representation error	Exit the program and restart the IBM-PC/AT compatible.
0x04067002	The classification for the intermediate code of	Reinstall MX Component.
	the extended specification device is incorrect.	Inform the telephone center of our company.
	Device Representation error	Exit the program and restart the IBM-PC/AT compatible.
0x04067003	The rectification part specified for the device is	Reinstall MX Component.
	incorrect.	Inform the telephone center of our company.
	Device Representation error	Exit the program and restart the IBM-PC/AT compatible.
0x04067004	The rectification part specified for the extended	Reinstall MX Component.
	device is incorrect.	Inform the telephone center of our company.
	Other errors	Evit the program and restart the IRM-PC/AT compatible
0v04067005	(Other errors generated during the conversion of	Reinstall MX Component
0.00-000000000	device representation code to the device	Inform the telephone center of our company
	intermediate code)	
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04070001	The input data of the device comment	Reinstall MX Component.
	conversion is incorrect.	Inform the telephone center of our company.
	Insufficient Common Data	Exit the program and restart the IBM-PC/AT compatible.
0x04070002	The data to be converted is insufficient.	Reinstall MX Component.
		Inform the telephone center of our company.
	Insufficient Storage Area	Exit the program and restart the IBM-PC/AT compatible.
0x04070003	The area where the conversion data is stored is	Reinstall MX Component.
	insufficient.	Inform the telephone center of our company.
	Error in CPU Data Conversion	Exit the program and restart the IBM-PC/AT compatible.
0x04071001	The input data of the device comment	Reinstall MX Component.
	conversion is incorrect.	Inform the telephone center of our company.
	Insufficient CPU Data error	Exit the program and restart the IBM-PC/AT compatible.
0x04071002	The data to be converted is insufficient.	Reinstall MX Component.
		Inform the telephone center of our company.
0x04071003	Insufficient Storage Area	Exit the program and restart the IBM-PC/AT compatible.
	The area where the conversion data is stored is	Reinstall MX Component.
	insufficient.	Inform the telephone center of our company.
0x04072001	Open error	Exit the program and restart the IBM-PC/AT compatible.
	Failed in creating conversion object	Reinstall MX Component.
	,	Inform the telephone center of our company.
	CPU Type error	Exit the program and restart the IBM-PC/AT compatible.
0x04072002	The specified CPU type does not exist.	Reinstall MX Component.
	1 71	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
		Exit the program and restart the IBM-PC/AT compatible.
0x04072003	Not Converted error	Reinstall MX Component.
	Converted object does not exist	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04072004	Input Data error	Reinstall MX Component.
	The input data is incorrect	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04073001	Program Common Data Conversion error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x04073002	Program Common Data Conversion error	Reinstall MX Component
		Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0v0/073101	Program CPU Data Conversion error	Peinstall MX Component
0.04073101	Frogram CFO Data Conversion entri	Inform the telephone conter of our company
		Full the pregram and restart the IDM DC/AT compatible
0.04074004	Common Data Daramatar array	Exit the program and restart the IBM-PC/AT compatible.
0x04074001	Common Data Parameter error	Reinstall WX Component.
	Network Parameter Common Data error	Exit the program and restart the IBM-PC/AT compatible.
0x04074002	The parameter block exists, but the data inside	Reinstall MX Component.
	is not set.	Inform the telephone center of our company.
	Parameter CPU Data error	Exit the program and restart the IBM-PC/AT compatible.
0x04074101		Reinstall MX Component.
		Inform the telephone center of our company.
0x04074102	Network Parameter CPU Data error	Exit the program and restart the IBM-PC/AT compatible.
	The parameter block exists, but the data inside	Reinstall MX Component.
	is not set.	Inform the telephone center of our company.
0x04074103	Offset error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.
	Error in Specifying Network Type	Exit the program and restart the IBM-PC/AT compatible.
0x04074201	The CPU specified does not support the	Reinstall MX Component.
	network type.	Inform the telephone center of our company.
	Parameter Block Number error	Exit the program and restart the IBM-PC/AT compatible.
0x04074202	The Block corresponding to the parameter block	Reinstall MX Component.
	number specified does not exist.	Inform the telephone center of our company.
	Parameter Block Content error	Exit the program and restart the IBM-PC/AT compatible.
0x04074203	It is different from the content supported by the	Reinstall MX Component.
	specified.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074204	Parameter Block Information error	Reinstall MX Component.
	The specified block number does not exist.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074205	Default Parameter Block is Abnormal	Reinstall MX Component.
	The specified block number does not exist.	Inform the telephone center of our company
		Exit the program and restart the $IRM_PC/\Delta T$ compatible
0x04074301	Error in Conversion of the Common Parameter Block	Reinstall MX Component
		Inform the telephone center of our company

Band 407 4302 Error in Common Parameter Block No. 1001 existence flag is incorrect. Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074303 Error in Common Parameter Block No. 1003 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074304 Error in Common Parameter Block No. 1008 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074305 Error in Common Parameter Block No. 1008 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074305 Error in Common Parameter Block No. 2001 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074305 Error in Common Parameter Block No. 2001 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074306 Error in Common Parameter Block No. 3000 Reinstall MX Component. 0x04074307 Error in Common Parameter Block No. 3002 Reinstall MX Component. 0x04074308 Error in Common Parameter Block No. 3002 Reinstall MX Component. 0x04074308 Error in Common Parameter Block No. 3002 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074308 Error in Common Parameter Block No. 3002 Exit the program and restart the IBM-PC/AT compatible. Reins	Error Code	Error Definition	Corrective action
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0x0407430F Error in Common Parameter Block No. 5NM0 Reinstall MX Component. Inform the telephone center of our company. 0x04074310 Error in Common Parameter Block No. 5NM1 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company. 0x04074310 Error in Common Parameter Block No. 5NM1 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company. 0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.			Exit the program and restart the IBM-PC/AT compatible
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0x04074310 Error in Common Parameter Block No. 5NM1 Exit the program and restart the IBM-PC/AT compatible. 0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. 0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. 0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. 0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible.		End in common Parameter block no. Snimo	Inform the telephone center of our company
0x04074310 Error in Common Parameter Block No. 5NM1 Reinstall MX Component. Inform the telephone center of our company. 0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. 0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component.	<u> </u>		Exit the program and restart the IRM-PC/AT compatible
0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. Inform the telephone center of our company.	0x04074310	Error in Common Parameter Block No. 5NM1	Reinstall MX Component
0x04074311 Error in Common Parameter Block No. 5NM2 Exit the program and restart the IBM-PC/AT compatible. 0x04074311 Error in Common Parameter Block No. 5NM2 Reinstall MX Component.			Inform the telephone center of our company
0x04074311 Error in Common Parameter Block No. 5NM2 Reinstall MX Component.	0x04074311		Exit the program and restart the IRM-PC/AT compatible
Inform the telephone center of our company		Error in Common Parameter Block No. 5NM2	Reinstall MX Component
			Inform the telephone center of our company

Error Code	Error Definition	Corrective action
0x04074312		Exit the program and restart the IBM-PC/AT compatible.
	Error in Common Parameter Block No. 5NM3	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074313	Error in Common Parameter Block No. 6000	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074314	Error in Common Parameter Block No. FF18	Reinstall MX Component.
	Link parameter Capacity is not set.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074315	Error in Common Parameter Block No. FF25	Reinstall MX Component.
	Calculation circuit check is not set.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074316	Error in Common Parameter Block No. FF30	Reinstall MX Component.
	Sampling Trace Data is not created.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074317	Error in Common Parameter Block No. FF31	Reinstall MX Component.
	Status latch data is not created.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074318	Error in Common Parameter Block No. FF42	Reinstall MX Component.
	Timer processing points are not set.	Inform the telephone center of our company.
	Error in Common Parameter Block No. FF30	Exit the program and restart the IBM-PC/AT compatible.
0x04074319	Setting value device for specified extended timer	Reinstall MX Component.
	does not exist.	Inform the telephone center of our company.
	Frror in Common Parameter Block No. FF44	Exit the program and restart the IBM-PC/AT compatible.
0x0407431A		Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407431B	Error in Common Parameter Block No. FF45	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407431C	Error in Common Parameter Block No. FF60 Terminal Settings are not set.	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407431D	Error in Common Parameter Block No. FF70 User Release area is not set.	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074401	Error in Conversion of CPU Parameter Block	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074402	Error in CPU Parameter Block No.1001	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074403	Error in CPU Parameter Block No.1003	Reinstall MX Component.
		Inform the telephone center of our company.
0x04074404	Error in CPU Parameter Block No.1008	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04074405		Exit the program and restart the IBM-PC/AT compatible.
	Error in CPU Parameter Block No.1100	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074406	Error in CPU Parameter Block No.2001	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074407	Error in CPU Parameter Block No.3000	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074408	Error in CPU Parameter Block No.3002	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074409	Error in CPU Parameter Block No.3004	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407440A	Error in CPU Parameter Block No.4000	Reinstall MX Component.
		Inform the telephone center of our company.
	From in CDU Decemptor Block No 5000	Exit the program and restart the IBM-PC/AT compatible.
0x0407440B	The specified network type is not supported	Reinstall MX Component.
	The specified hetwork type is not supported.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407440C	Error in CPU Parameter Block No.5001	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407440D	Error in CPU Parameter Block No.5002	Reinstall MX Component.
		Inform the telephone center of our company.
	Error in CPU Parameter Block No.5003	Exit the program and restart the IBM-PC/AT compatible.
0x0407440E		Reinstall MX Component.
		Inform the telephone center of our company.
	Error in CPU Parameter Block No. 5NM0	Exit the program and restart the IBM-PC/AT compatible.
0x0407440F	The specified network type is not supported.	Reinstall MX Component.
	a de la completa de l	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074410	Error in CPU Parameter Block No. 5NM1	Reinstall MX Component.
		Inform the telephone center of our company.
	Error in CPU Parameter Block No. 5NM2	Exit the program and restart the IBM-PC/AT compatible.
0x04074411	The specified network type is not supported.	Reinstall MX Component.
		Inform the telephone center of our company.
0x04074412		Exit the program and restart the IBM-PC/AT compatible.
	Error in CPU Parameter Block No. 5NM3	Reinstall MX Component.
		Inform the telephone center of our company.
0x04074413		Exit the program and restart the IBM-PC/AT compatible.
	Error in CPU Parameter Block No. 6000	
		Inform the telephone center of our company.
0x04074414	Error in CPU Parameter Block No. FF18	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall WIX Component.
		iniorin the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04074415		Exit the program and restart the IBM-PC/AT compatible.
	Error in CPU Parameter Block No. FF25	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074416	Error in CPU Parameter Block No. FF30	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074417	Error in CPU Parameter Block No. FF31	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074418	Error in CPU Parameter Block No. FF42	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04074419	Error in CPU Parameter Block No. FF43	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407441A	Error in CPU Parameter Block No. FF44	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407441B	Error in CPU Parameter Block No. FF45	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407441C	Error in CPU Parameter Block No. FF60	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x0407441D	Error in CPU Parameter Block No. FF70	Reinstall MX Component.
		Inform the telephone center of our company.
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04075001	Failed while converting the device memory	Reinstall MX Component.
	settings portion.	Inform the telephone center of our company.
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04075002	Failed while converting the device memory data	Reinstall MX Component.
	portion.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04075003	Common Data Conversion error Device memory data portion did not exist.	Reinstall MX Component.
		Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04075101	Failed while converting the settings portion of	Reinstall MX Component.
	the device memory.	Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04075102	Failed while converting the data portion of the	Reinstall MX Component.
	device memory.	Inform the telephone center of our company.
0x04076001	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
	Failed while converting the settings portion of	Reinstall MX Component.
	the device comments.	Inform the telephone center of our company.
0x04076002	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
	Failed while converting the data portion of the	Reinstall MX Component.
	device comments.	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x04076101	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
	Failed while converting the settings portion of	Reinstall MX Component.
	the device comments.	Inform the telephone center of our company.
0x04076102	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
	Failed while converting the settings portion of	Reinstall MX Component.
	the device comments.	Inform the telephone center of our company.
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04077001	Failed during the conversion of sampling trace	Reinstall MX Component.
	settings portion.	Inform the telephone center of our company.
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04077002	Failed during the conversion of sampling trace	Reinstall MX Component.
	data portion.	Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04077101	Failed during the conversion of sampling trace	Reinstall MX Component.
	settings portion.	Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04077102	Failed during the conversion of sampling trace	Reinstall MX Component.
	data portion.	Inform the telephone center of our company.
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04078001	Failed in the conversion of the status latch	Reinstall MX Component.
	settings portion.	Inform the telephone center of our company.
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04078002	Failed in the conversion of the status latch data	Reinstall MX Component.
	portion.	Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04078101	Failed in the conversion of the status latch	Reinstall MX Component.
	settings portion.	Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x04078102	Failed in the conversion of the status latch data	Reinstall MX Component.
	portion.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04079101	Failure history CPU Data Conversion error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407A101	File List CPU Data Conversion error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x0407B101	Error Information CPU Data Conversion error	Reinstall MX Component.
		Inform the telephone center of our company.
	Error in Conversion of Indirect Address to	Exit the program and restart the IBM-PC/AT compatible.
0x0407C001	Device Name	Reinstall MX Component.
	I he device name storage area is not secured.	Inform the telephone center of our company.
	Error in Conversion of Device Name to Indirect	Exit the program and restart the IBM-PC/AT compatible.
0x0407C002	Address	Reinstall MX Component.
	Indirect Address storage area is not secured.	Inform the telephone center of our company.
	Error in Conversion of Indirect Address to	Exit the program and restart the IBM-PC/AT compatible.
0x0407C003		Reinstall MX Component.
	i ne device representation storage area is not	Inform the telephone center of our company.
	secured.	

Error Code	Error Definition	Corrective action
0x0407C004	Error in Conversion of Device Representation to	Exit the program and restart the IBM-PC/AT compatible.
	Indirect Address	Reinstall MX Component.
	Indirect Address storage area is not secured.	Inform the telephone center of our company.
	Error in Conversion of Indirect Address to	Evit the program and restart the IDM DC/AT compatible
0,04070005	Device Character String	Exit the program and restart the IBM-PC/AT compatible.
0x04070005	Device Character String storage area is not	Inform the telephone center of our company
	secured.	
	Error in Conversion of Device Character String	Exit the program and restart the IBM-PC/AT compatible.
0x0407C006	to Indirect Address	Reinstall MX Component.
	Indirect Address storage area is not secured.	Inform the telephone center of our company.
	Error in Conversion of Intermediate Code to	Exit the program and restart the IBM-PC/AT compatible.
0x0407C007	Device Name	Reinstall MX Component.
	Device Name storage area is not secured.	Inform the telephone center of our company.
	Error in Conversion of Device Name to	Exit the program and restart the IBM-PC/AT compatible.
0x0407C008	Intermediate Code	Reinstall MX Component.
	Intermediate Code storage area is not secured.	Inform the telephone center of our company.
	Error in Conversion of Intermediate Code to	Exit the program and restart the IBM-PC/AT compatible.
0x0407C009		Reinstall MX Component.
	Device Representation storage area is not	Inform the telephone center of our company.
0.04070004	Error in Conversion of Device Representation to	Exit the program and restart the IBM-PC/AT compatible.
0x0407C00A	Intermediate Code	Reinstall MX Component.
	Intermediate Code storage area is not secured.	Evit the preserver and sector the IDM DC/AT compatible
0,04070000		Exit the program and restart the IBM-PC/AT compatible.
0X0407C00B	Indirect Address storage area is not secured	Reinstall WA Component.
	Free in Conversion of Indirect Address to	Exit the program and restart the IPM PC/AT compatible
0×04070000	Intermediate Code	Exit the program and restart the IBM-PC/AT compatible.
0,0407 0000	Intermediate Code storage area is not secured	Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x0407C00D	CPU Type error	Reinstall MX Component
0,0407 0000	The specified CPU type is not supported.	Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x0407C00F	Device Character String error	Reinstall MX Component.
	The specified device is not supported.	Inform the telephone center of our company.
	Device Character String error	Exit the program and restart the IBM-PC/AT compatible.
0x0407C00F	The specified device character string, type is	Reinstall MX Component.
	incorrect.	Inform the telephone center of our company.
	Device error	Exit the program and restart the IBM-PC/AT compatible.
0x0407C010	The specified device is not supported by the	Reinstall MX Component.
	specified CPU.	Inform the telephone center of our company.
0x0407C011		Exit the program and restart the IBM-PC/AT compatible.
	The appointed CPL is not supported	Reinstall MX Component.
		Inform the telephone center of our company.
	Device out of Range error	Exit the program and restart the IBM-PC/AT compatible.
0x0407C012	For AnA system, a device out of AnA system	Reinstall MX Component.
	range was specified.	Inform the telephone center of our company.
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x0407D001	Error in Conversion of SFC trace condition	Reinstall MX Component.
	settings portion.	Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
	Common Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x0407D002	Error in Conversion of SFC trace condition data	Reinstall MX Component.
	portion.	Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x0407D101	Error in Conversion of SFC trace condition	Reinstall MX Component.
	settings portion.	Inform the telephone center of our company.
	CPU Data Conversion error	Exit the program and restart the IBM-PC/AT compatible.
0x0407D102	Error in Conversion of SFC trace condition data	Reinstall MX Component.
	portion.	Inform the telephone center of our company.
	Intermediate Code classification out of range	Exit the program and restart the IRM-PC/AT compatible
0v04080001	error	Reinstall MX Component
0,04000001	The intermediate code classification specified is	Inform the telephone center of our company
	out of range.	
	Extended specification Intermediate Code	Exit the program and restart the IBM-PC/AT compatible.
0x04080002	classification out of range error	Reinstall MX Component.
	The extended specification intermediate code	Inform the telephone center of our company.
	specified is out of range.	······································
	Device Points check absent error	Exit the program and restart the IBM-PC/AT compatible.
0x04080003	The device does not check the device points.	Reinstall MX Component.
	· · ·	Inform the telephone center of our company.
	GPP Project error	Exit the program and restart the IBM-PC/AT compatible.
0x04090001	The specified CPU type and GPP project type	Reinstall MX Component.
	are not matching.	Inform the telephone center of our company.
0.04000000		Exit the program and restart the IBM-PC/AT compatible.
0x04090002	The specified GPP project type and file type are	Reinstall MX Component.
	Inot matching.	Full the response and restart the IDM DC/AT compatible
0,04000010	There is no data to be converted. The data size	Exit the program and restant the IBM-PC/AT compatible.
0,04090010	specified is incorrect	Reinstall MA Component.
	Insufficient Storage Space for Converted Data	Exit the program and restart the IPM PC/AT compatible
0v0/000011	The space for storing converted data is	Reinstall MX Component
0,04030011	insufficient	Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x04090012	Error in GPP Data to be converted	Reinstall MX Component
0,01000012	The GPP data to be converted is incorrect.	Inform the telephone center of our company
	Insufficient Data to be converted error	Exit the program and restart the IBM-PC/AT compatible.
0x04090110	There is no data to be converted. The data size	Reinstall MX Component.
	specified is insufficient.	Inform the telephone center of our company.
	Insufficient Storage Space for Converted Data	
0x04090111	error.	Exit the program and restart the IBM-PC/AT compatible.
	The storage space for converted data is	Reinstall MX Component.
	insufficient.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04090112	Error in data to be converted	Reinstall MX Component.
	I ne data to be converted is incorrect.	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x04FFFFFF	Other errors	Reinstall MX Component.
		Inform the telephone center of our company.

Error Code	Error Definition	Corrective action
		Exit the program and restart the IBM-PC/AT compatible.
0x10000001	No Command error	Reinstall MX Component.
		Inform the telephone center of our company.
	Start of communication DLL of MX Component	Exit the program and restart the IBM-PC/AT compatible.
0x1000002	failed.	Reinstall MX Component.
0.4000000		Exit the program and restart the IBM-PC/AT compatible.
0x1000005		Reinstall MX Component.
0x10000004	Duplex open error	Exit the program and restart the IBM-PC/AT compatible.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000005	File Access error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x1000006	Incorrect Folder Name error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x1000007	File Access Denied error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x1000008	Disk Full error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000009	File Delete error	Reinstall MX Component.
	ļ	Inform the telephone center of our company.
	Incorrect File Name error	Exit the program and restart the IBM-PC/AT compatible.
0x1000000A		Reinstall MX Component.
		Inform the telephone center of our company.
	Execution failed since another application or thread is making a request.	Execute again after some time.
0x1000000C		Perform programming according to the multithread rules of
		COM and ActiveX.
		Exit the program and restart the IBM-PC/AT compatible.
2 4000000		Exit the program and restart the IBM-PC/AT compatible.
0x1000000D	Folder Creation error	
		Inform the telephone center of our company.
0.400000E	E-Hard Ella Turna orror	Exit the program and restart the IBIN-PU/AT companyle.
0x100000E	Folder/ File Type error	Reinstall MX Component.
		Inform the telephone center of our company.
0v100000E	Offeret Address error	Exit the program and restart the IBM-PC/AT companyle.
	Offset Address en or	Reinstall MA Component.
		Inform the telephone center of our company.
0,40000010	Request Cancel	EXIT the program and restart the IBIN-PU/AT companyle.
	Cancel Process has occurred.	Reinstall with Component.
		Inform the telephone center of our company.
0x10000011	Memory securing error	EXIT the program and restart the IBM-PC/AT compatible.
0-4000012		
0X10000012	Open not yet executed	Exit the program and restart the IBM PC/AT compatible.
0.4000012	Attack Net Evented arror	Exit the program and restart the IBM-PC/AT compatible.
0x10000013	Attach Not Executed error	Reinstall MX Component.
		inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x10000014		Exit the program and restart the IBM-PC/AT compatible.
	Object Invalid error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000015	Request Cancel Failed error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000016	Failed in Reading Status error	Reinstall MX Component.
	Ğ	Inform the telephone center of our company.
	The specified size (number of devices) is	Check the number of points specified in the method.
0x10000017	unauthorised.	Exit the program and restart the IBM-PC/AT compatible.
0x10000018	There is no registered device.	Exit the program and restart the IBM-PC/AT compatible.
		Exit the program and restart the IBM-PC/AT compatible
0x10000019	Dataset Not Executed	Reinstall MX Component
0,10000010		Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x1000001A	Read Not Executed error	Reinstall MX Component
0,100000 17		Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0v100001B	Incorrect Create Flag error	Reinstall MX Component
001000010	incorrect oreater hag error	Inform the telephone center of our company
		Exit the program and restart the IBM PC/AT compatible
0×10000010	Operation Over Access	Exit the program and restart the IBM-FC/AT compatible.
0x1000001C		Inform the telephone center of our company
		Exit the program and restart the IBM PC/AT compatible
0v100001D	Redundant Device error	Exit the program and restart the IBM-FC/AT compatible.
0x1000001D		Inform the telephone center of our company
		Exit the program and restart the IPM PC/AT compatible
0v100001E	Registry search failed	Exit other programs and secure free memory area
0210000012	Registry search falled.	Reinstall MX Component
		Exit the program and restart the IPM PC/AT compatible
0v100001E		Exit the program and restart the IBM-FC/AT compatible.
0210000011	File Type error	Inform the telephone center of our company
		Exit the program and restart the IPM PC/AT compatible
0×10000020	Device Memory Type error	Exit the program and restart the IBM-FC/AT compatible.
0x10000020		Inform the telephone center of our company
		Exit the program and restart the IPM PC/AT compatible
0v1000021	Program Pango orror	Exit the program and restart the IBM-PC/AT compatible.
0210000021	Program Range error	Inform the telephone conter of our company
		Exit the program and restart the IPM DC/AT compatible
0x10000022		Exit the program and restart the IBM-PC/AT compatible.
	IEL Iype error	Reinstall MA Component.
		Evit the program and restart the IDM DO/AT assesstills
0.40000000	TEL Access error	Exit the program and restart the IBM-PC/AT compatible.
0x10000023		Reinstall WA Components of our company
		Fight the preserver and restart the JDM DO/AT access of the
0x10000024	Cancel Flag Type error	Exit the program and restart the IBM-PC/AT compatible.
		Reinstall MA Component.
		inform the telephone center of our company.

Error Code	Error Definition	Corrective action
0x10000030		Exit the program and restart the IBM-PC/AT compatible.
	Multiple Device Registration error	Reinstall MX Component.
		Inform the telephone center of our company.
0x10000031		Exit the program and restart the IBM-PC/AT compatible.
	Device Not Registered error	Reinstall MX Component.
	5	Inform the telephone center of our company.
		Review the specified device data.
0x10000032	Specified device error	Exit the program and restart the IBM-PC/AT compatible.
		Exit other programs and secure free memory area.
		Review the specified device data.
0x10000033	Specified device range error	Exit the program and restart the IBM-PC/AT compatible.
		Exit other programs and secure free memory area.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000034	File Write error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000040	Server start failed.	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000041	Server Stop error	Reinstall MX Component.
	Failed while stopping the server	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000042	Server Started Twice error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x10000043	Server Not Started error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible.
0x10000044	Resource Timeout error	Reinstall MX Component.
		Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x10000045	Server Type error	Reinstall MX Component.
	Server Type entor	Inform the telephone center of our company.
		Exit the program and restart the IBM-PC/AT compatible
0x10000046	Failed to Access Server error	Reinstall MX Component
0,10000010		Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x10000047	Server Already Accessed error	Reinstall MX Component
0,10000011		Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0x10000048	Failed in Simulator Startun	Reinstall MX Component
		Inform the telephone center of our company
		Exit the program and restart the IBM-PC/AT compatible
0v1000040	Failed in exiting Simulator	Reinstall MX Component
UX1000049		Inform the telephone center of our company
l		Evit the program and restart the IPM PC/AT compatible
0x1000004A	Simulator Not Started error	Reinstall MX Component
		Inform the telephone center of our company
		inform the telephone center of our company.

0x1000004B Simulator Type error Exit the program and restart the IBM-PC/AT compares the second	tible.
0x1000004B Simulator Type error Reinstall MX Component. Inform the telephone center of our company.	
Inform the telephone center of our company.	
Exit the program and restart the IBM-PC/AT compa	tible.
0x1000004C Simulator Not Supported error Reinstall MX Component.	
Inform the telephone center of our company.	
Exit the program and restart the IBM-PC/AT compa	tible.
0x1000004D Simulator Started Twice error Reinstall MX Component.	
Inform the telephone center of our company.	
Exit the program and restart the IBM-PC/AT compa	tible.
0x1000004E Shared Memory Not Started error Reinstall MX Component.	
Inform the telephone center of our company.	
No-license error Using the license FD, give the license to the IBM-P	C/AT
OxF0000001 The license is not given to the IBM-PC/AT compatible.	
Set data read error Specify the correct logical station number.	
UXF0000002 Reading of the set data of the logical station	n
number tailed. settings utility.	
Aiready open error When changing the communication target CPU, ex	ecute
the Open method after performing Close.	
Not vet open error After executing the Open method, execute the	
0xF0000004 The Open method is not vet executed.	
0xF0000005 Initialisation of the object possessed internally in	tible.
MX Component failed.	
Memory securing error	
0xF0000006 Securing of MX Component internal memory	libie.
failed.	
Function non-support error Can not use because the corresponding method is	not
The method does not support. supported.	
Check the character string specified in the method.	
The ASCII character string acquired from the	
Character code conversion error programmable controller CPU is abnormal.	
0xF1000001 Character code conversion (UNICODE ASCII Review the system, e.g. programmable controller C	PU,
code or ASCII code UNICODE) failed. module setting and cable status.	
Exit the program and restart the IBM-PC/AT compa	tible.
Retry the GetCpu i ype method.	
First I/O number error Uneck the value of the first I/O number specified in an unterface and the first I/O number specified in the first I/O n	the
0xF1000002 Uncerthorized value	
A matching first I/O number does not exist controller CPU parameters (I/O assignment)	
A matching first I/O number does not exist. controller CPU parameters (I/O assignment).	
A matching first I/O number does not exist. controller CPU parameters (I/O assignment). Buffer address error The buffer address specified is an unauthorised. Check the value of the buffer address specified in the buffer ad	19
A matching first I/O number does not exist. controller CPU parameters (I/O assignment). Buffer address error The buffer address specified is an unauthorised Check the value of the buffer address specified in the value of the buffer address specif	ıe

Error Code	Error Definition	Corrective action
0xF1000004	Buffer read size error As a result of buffer read, the specified size could not be acquired.	Perform reopen processing. Review the system, e.g. programmable controller CPU, module setting and cable status. Retry. Exit the program.
0xF1000005	Size error The size specified in the read/write method is abnormal. The read/write first number plus size exceeds the device or buffer area.	Check the size specified in the method.
0xF1000006	Operation error The operation specified for remote operation is an abnormal value.	Check the operation specifying value specified in the method.
0xF1000007	Clock data error The clock data is abnormal.	Check the clock data specified in the method. Set the correct clock data to the clock data of the programmable controller CPU.
0xF1000008	Monitored device registration count excess The number of device points registered in the EntryDeviceStatus method was 0 or less. The number of device points registered in the EntryDeviceStatus method was more than 20.	Register the device points between 1 and 20 in the EntryDeviceStaus method.
0xF1000009	Monitored device data registration error	After making deregistration in the FreeDeviceStatus method, execute the EntryDeviceStatus method again.
0xF1000010	Device status monitor processing failed to start. Device status monitor processing failed to end.	Start/end the device status monitor processing again in the EntryDeviceStatus method.
0xF1000011	The VARIANT argument data type is wrong.	 Reexamine the data type specified for the VARIANT argument. Check whether the array variable size is large enough. Check whether the data type specified in the corresponding method has been set.
0xF1000012	The device status monitoring time interval is a value outside the range 1 second to 1 hour (1 to 3600).	Specify the device status monitoring time between 1 and 3600.
0xF1000013	Already Connected error. Connect was executed again after it was executed for the same object.	Execute the Connect method after executing the Disconnect method.
0xF1000014	Invalid Telephone Number error. Characters other than "0123456789-*#" that are allowed for telephone numbers are included.	Rectify the Telephone number and try to Connect again.
0xF1000015	Exclusive Control Failure error. There was failure in the exclusive control process while executing the Connect and Disconnect method.	In case if Connect/Disconnect method is being executed for any other object, execute the failed method (Connect/Disconnect) again after the completion of the Connect/ Disconnect method of that object. If the Connect/Disconnect process is in progress only for the self object, perform the following. Exit the program. Restart the IBM-PC/AT compatible. Reinstall MX Component.

Error Code	Error Definition	Corrective action
0xF1000016	While connecting to the telephone line error. The telephone line is connected to some other application, other than the one using MXComponent.	Try Connecting again after disconnecting the application that is using the telephone line.
0xF1000017	Telephone line not connected error. Telephone line is not connected. Connect was executed and the telephone line was connected, but it got disconnected due to some reason.	 (When Connect method has failed) Execute Connect again after executing Disconnect method. (When method other than Connect has failed) Execute Disconnect method, Execute Connect and connect to the telephone line. After connecting, execute the method that failed once again.
0xF1000018	No Telephone number error. The telephone No. is not set. The telephone No. or call back No. is not set,if the connection method is Automatic (when specifying the call back No.), call back connection (when specifying the number), or call back Request(when specifying the number).	In case of program settings type,set the telephone No. to the property ActDialNumber. (Set the telephone No. to the properties ActDialNumber and ActCallbackNumber, if the connection method is automatic (when specifying the call back No.), call back connection (when specifying the telephone No.), or call back request (when specifying the number).) In case of utility settings type,set the telephone No. using the wizard. (Set the telephone No. and call back No. , if the connection method is automatic (when specifying the call back No.), call back connection (when specifying the telephone No.), or call back request (when specifying the number).)
0xF1000019	Not Closed error. Disconnect was executed while in Open state.	Try Disconnect again after executing Close.
0xF100001A	Target telephone line connection mismatch error. Connect was tried for a different telephone number using the port which is already connected to a telephone line. (When the method of connection is a callback reception, it is considered that the telephone number is different from methods of connection in other than the callback reception.)	If you want to connect to a different telephone number, Execute Disconnect with respect to the telephone line that is already connected and executes Connect after it gets disconnected. In case of connecting the telephone line with callback reception, use the Connect of the connection method that is executed at the earliest in the same port as callback reception.
0xF100001B	Control Type Mismatch error. An object, whose control type is different from that of the object already connected to the telephone line, tried to Connect.	Execute Disconnect for the object currently connected to the telephone line and execute Connect once again after the telephone line gets disconnected.
0xF100001C	Not Disconnected error. When Disconnect method is executed for the object connected to the telephone line, it is found that other objects are in connected state.	Execute Disconnect for all the Connected objects. Try Disconnect again for the object that actually performed the telephone line connection.
0xF100001D	Not Connected error. Open was executed before Connect Or, Disconnect was executed.	Execute Open again after executing Connect. Or execute Disconnect again after executing Connect.

Error Code	Error Definition	Corrective action
0xF100001E	Fatal error.	Exit the program. Restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0xF100001F	Open time setting error There is some difference in telephone number and the port number settings used during Connect and Open.There is some error in Connect way.	Check the telephone numebr and the portnumebr. Check the Connect way.
0xF2000002	There is an error response from the target telephone. Causes can be the following. * Communication error has occurred.	Check the value of the properties set in case of program settings type and check the contents of the detailed settings that were set using the wizard in case of utility settings type.
0xF2000003	Invalid data was received. Causes can be the following. * Incorrect data packet received due to noise. * Communicated with a device other than A(Q)6TEL/C24.	Retry. Check the communication device used at the other end.
0xF2000004	There is no response from the modem. Causes can be the following. Abnormality in the modem. Telephone number setting mistake.	Check the status of the modem. Check the telephone number. If the problem persists even after checking the above points, change the value of the properties set (Properties such as ActConnectionCDWaitTime etc., which set the timings) in case of program settings type and change the contents of the detailed settings that were set using the wizard in case of utility settings type.
0xF2000005	There are chances that the line is not disconnected.	Check the line.
0xF2000006	The PC modem did not receive the AT command. Causes can be the following. * Invalid AT command was specified. * Abnormality in the modem.	Check the contents of the AT command. Check the status of the modem.
0xF2000007	Modem did not respond properly to the standard escape command.	Check the modem. Confirm whether the value of the time-out is too small. (5000ms or more is recommended.)
0xF2000009	Modem does not respond properly to the line Disconnect command.	Check the modem.
0xF200000A	 Target did not receive the signal. * The Receive settings of the modem at the other end may be incorrect. * The other end may be busy. * The telephone number may be incorrect. 	Check the Receive settings of the modem at the other end. Check if the other end is busy. Check the telephone number.
0xF200000B	Timeout reached for the call back receive waiting time.	Increase the call back receive waiting time ActCallbackReveptionWaitingTimeOut and execute connect again.
0xF200000C	Password of A6TEL, Q6TEL, QJ71C24 units could not be resolved.	Set the password to ActPassword property and execute the failed method again.

Error Code	Error Definition	Corrective action
0xF2010001	The callback line disconnect wait time is other than 0 -180 Seconds. The callback execution delay time is other than 0 -1800 Seconds. The telephone number is more than 62 characters.	Check whether the callback line disconnect wait time is with in 0 – 180 Seconds. Check whether the callback execution delay time is with in 0 - 1800 Seconds. Check whether the telephone number is less than or equal to 62 characters. Exit the program and restart the IBM-PC/AT compatible. Reinstall MX Component. Inform the telephone center of our company.
0xF2010002	QJ71C24 did not receive the specified connection method. Causes can be the following. * Incorrect Connection method. * Incorrect telephone number for Call back.	Check whether the settings of QJ71C24 and the MXComponent are matching.
0xF2010003	QJ71C24 does not permit the automatic connection (during fixed Call back or when the number is specified.)	Check the settings of QJ71C24.
0xF2100005	There are chances that the line is not disconnected.	If there is no problem with the modem or the telephone line, change the value of the properties set (Properties like ActConnectionCDWaitTime etc., which set the timings) in case of program settings type and change the contents of the detailed settings that were set using the wizard in case of utility settings type.
0xF2100008	There was no response from the modem for the data sent from the PC.	Change the value of the properties set (Properties such as ActConnectionCDWaitTime etc., which set the timings) in case of program settings type and change the contents of the detailed settings that were set using the wizard in case of utility settings type.
0xF2100006	Modem did not receive the startup command AT.	Change the settings of the property ActATCommand. in case of program settings type and change the command AT that were set using the wizard in case of utility settings type.
0xF2100007	The PC modem does not respond to the Escape command.	If there is no problem with the modem or the telephone line, change the value of the properties set (Properties like ActConnectionCDWaitTime etc., which set the timings) in case of program settings type and change the contents of the detailed settings that were set using the wizard in case of utility settings type.
0xF21000 * *	There is no response from the modem. Causes can be the following. Abnormality in the modem. Telephone number setting mistake.	Check the status of the modem. Check the telephone number. If the problem persists even after checking the above points, change the value of the properties set (Properties such as ActConnectionCDWaitTime etc. , which set the timings) in case of program settings type and change the contents of the detailed settings that were set using the wizard in case of utility settings type.

Error Code	Error Definition	Corrective action
0xF21001 * *	There is no response from A(Q)6TEL/C24. Causes can be the following. Setting mistake w.r.t. A(Q)6TEL/C24 A(Q)6TEL/C24 got connected to a non-existant modem.	Re-examine the settings of A(Q)6TEL/C24. Confirm whether the modem exists. If the problem persists even after checking the above points, change the value of the properties set (Properties such as ActConnectionCDWaitTime etc. , which set the timings) in case of program settings type and change the contents of the detailed settings that were set using the wizard in case of utility settings type.
0xF202 * * * *	There was a communication failure. Following causes can be considered depending on the status. Communication time over (Break in cable, the specified port not supported, mistake in specifying the COM port) Modem's power is switched OFF.	Check whether the cable is broken. Check whether the specified port is not supported. Check whether correct COM port is set. Check if the modem power is switched OFF. For detailed troubleshooting, please refer to the details of the error code got after replacing the first four digits with "0x0180". eg In case of "0xF202480B", please refer to the code "0x0180480B".
6.2 Error Codes Returned by the CPUs, Modules and Network Boards

This section explains the error codes returned by the CPUs, modules and network boards.

POINT										
Error codes may not be returned as "(1) Error code list" describes.										
At the beginnir	At the beginning, confirm "(2) Precautions for confirming error code", and then refer									
to "(1) Error co	de list".									

(1) Error code list

If the CPU, module or network board has detected an error, any of the error codes indicated in the following table is returned.

The two upper bytes denote Error detection module, and the two lower bytes denote the error code returned by Error detection module.

For detail of the error, refer to the manual of CPU, module or network board corresponding to the error code.

Error Code	Error detection module
0x01010000 to 0x0101FFFF *1*2	QCPU (A mode), ACPU, motion controller CPU
0x01020000 to 0x0102FFFF *1	QnACPU
0x01030000 to 0x0103FFFF *1	C24
0x01040000 to 0x0104FFFF *1	QC24(N)
0x01050000 to 0x0105FFFF *1	E71
0x01060000 to 0x0106FFFF *1	QE71
	CC-Link IE Controller Network board,
0x01070000 to 0x0107FFFF *1	MELSECNET/H board, MELSECNET/10 board, CC-
	Link board, CPU board
0x01090000 to 0x0109FFFF *1	FXCPU
0x010A0000 to 0x010AFFFF *1	QCPU (Q mode)
0x010B0000 to 0x010BFFFF *1	Q series-compatible C24
0x010C0000 to 0x010CFFFF *1	Q series-compatible E71
0x010D0000 to 0x010DFFFF *1	PC CPU module
0x010F0000 to 0x010FFFFF *1	GOT

*1: Refer to "Point"

*2: The error codes are also indicated in "6.1 Error Codes Returned by the ACT Controls".

(2) Precautions for confirming error code

Precautions for confirming the error codes returned by CPU, module and network board are described below.

(a) Property setting error

If the used system configuration does not match the preset property values, the two upper bytes do not indicate the correct error detection module. For example, when the property values of the ACPU have been set to ActCpuType as those of the QCPU (Q mode), the two upper bytes may indicate that Error detection module is the ACPU. In such a case, make communication again after checking the system

configuration and all preset property values.

When the ActEasyIF or ActMLEasyIF control is used, check the settings of the communication setting utility.

- (b) When AJ71E71 or AJ71QE71 is used If the two lower-byte error code that occurred during E71 or QE71 communication is not given in the E71 or QE71 manual, check whether the DIP switch (SW2) at the front of the E71 or QE71 module matches the value set to the ActPacketType property. If the DIP switch setting is incorrect, the packet format (ASCII/binary) is different, disabling correct recognition of the error code returned from the module.
- (c) At access to another station

At access to another station, the error code of the relayed module used (CC-Link IE Controller Network, MELSECNET/H, MELSECNET/10, CC-Link, computer link, Ethernet module) may enter the two lower bytes. In such a case, the two upper bytes that indicate Error detection module may not always match the faulty module. Therefore, after checking the system configuration, also check the manuals of the used CPU, relayed network module and network board.

6.3 HRESULT Type Error Codes

Normally, the ActiveX control returns the HRESULT type returned value. So does the ACT control.

When the custom interface is used, the returned value is equivalent to the returned value of method API.

When the dispatch interface is used, the HRESULT type returned value can be acquired by performing exception processing.

The following table indicates the HRESULT type returned values of the ACT controls.

Returned Value	Termination Status	Description
S_OK	Normal termination	Function processing terminated normally.
S_FALSE	Normal termination	Function processing (as ActiveX control) terminated normally, but operation (access to programmable controller) failed.
E_POINTER	Abnormal termination	The pointer passed to the function is abnormal.
E_OUTOFMEMORY	Abnormal termination	Memory securing or object creation failed.
E_FAIL	Abnormal termination	An indefinite error occurred.

POINT

If exception processing for acquiring the HRESULT type returned value has not been performed, the dispatch interface shows the error dialog box on the OS level when E_POINTER (E_XXXXX defined returned value) or the like is returned from the ACT control.

APPENDICES

Appendix 1 Connection System of the Callback Function

This section describes the connection system of the callback function for modem communication using the Q Series Corresponding C24.

The callback function enables access from MX Component to the programmable controller CPU by line reconnection (callback) made from the Q Series Corresponding C24 after line connection from MX Component. For (1) to (3), telephone charges are born on the personal computer side. For (4) to (8), telephone charges are born on the Q Series Corresponding C24 side. Refer to the following manual for details of the callback function.

Q Corresponding Serial Communication Module User's Manual (Application)

- Auto line connect Select this when the callback function has not been set to the Q Series Corresponding C24.
- (2) Auto line connect (Callback fixation) Connects the line without using the callback function when the callback function has been set to the Q Series Corresponding C24. It is allowed to connect to the only PC with telephone number registered in the buffer memory (2101H) of Q Series Corresponding C24.
- (3) Auto line connect (Callback number specification)
 Connects the line without using the callback function when the callback function has been set to the Q Series Corresponding C24.
 It is allowed to connect to only the PC with telephone number specified by MX Component.
- (4) Callback connect (Fixation)
 Callbacks only the personal computer with telephone number registered in the buffer memory (2101H) of the Q Series Corresponding C24.
- (5) Callback connect (Number specification) Callbacks only the personal computer with telephone number specified by MX Component.
- (6) Callback request (Fixation) Issues a callback request from any PC to callback the PCs with telephone numbers registered in the buffer memory (2101H) of Q Series Corresponding C24. (The PC that has issued the callback request will not be callbacked.)

- (7) Callback request (Number specification) Issues a callback request from any PC to callback the PCs with telephone numbers specified by MX Component. (The PC that has issued the callback request will not be callbacked.)
- (8) Callback reception waiting It is possible to connect the callback-target PC to the line during callback request (number fixation, number specification) by setting the PC to "Callback reception waiting".

Appendix 2 Programming Example for Checking the Word Device Status

This section explains the programming example for EntryDeviceStatus to check word devices for negative values.

(1) When using Visual Basic[®] 6.0 The following programming example checks D0 for -10, D1 for 0 and D2 for 10 using Visual Basic[®] 6.0.

Dim szDevice As String	Checked device list
Dim IInputData(2) As Long	Set value
Dim IEntryData(2) As Long	'Value set to argument of EntryDeviceStatus
Dim IReturnCode(2) As Long	'Returned value to EntryDeviceStatus
Dim ICount As Long	Loop counter

```
Sets D0, D1 and D2 to the checked device list.
szDevice = "D0" + vbLf + "D1" + vbLf + "D2"
```

```
Sets the checked device value "-10" for D0.
IlnputData(0) = -10
Sets the checked device value "0" for D1.
IlnputData(1) = 0
Sets the checked device value "10" for D2.
IlnputData(2) = 10
```

```
'If the set value is negative, stores "0"s into the upper 2 bytes
for conversion into the value to be set to EntryDeviceStatus.
'Loops through the number of device points.
For ICount = 0 To 2
        'If the set value is negative
        If IInputData(ICount) < 0 Then
                 'Masks with 65535 (0000FFFF[hex]) to store
                 "0"s into upper 2 bytes.
                 IEntryData(ICount) = IInputData(ICount) And 65535
        Else
        If the set value is positive, assigns the value as-is to IEntryData.
                 IEntryData(ICount) = IInputData(ICount)
        End If
Next
'Executes EntryDeviceStatus.
IReturnCode = ActLLT1.EntryDeviceStatus(szDevice, 3, 5, IEntryData(0))
```

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<When Idata = -1>

Private Sub ActLLT1_OnDeviceStatus(ByVal szDevice As String, ByVal IData As Long, ByVal IReturnCode As Long)

Dim ICheckData As Long

Value set to EntryDeviceStatus(value before 0s are stored into the upper 2 bytes)

If the device value whose condition was established is a WORD type negative value ´ (greater than 32767 (7FFF[Hex])

If IData > 32767 Then

Since "0"s are stored in the upper 2 bytes, the device value is ORed with FFFF0000[Hex] to convert it into a LONG type negative value. ICheckData = IData Or &HFFFF0000

Else

If the device value whose condition was established is positive,

'assigns the value as-is to ICheckData.

ICheckData = IData

End If End Sub (2) When using Visual C++® 6.0 The following programming example checks D0 for -10, D1 for 0 and D2 for 10 using Visual C++® 6.0.

CString szDevice;	//Checked device list
LONG IInputData[3];	//Set value
LONG IEntryData[3];	//Value set to argument of EntryDeviceStatus
LONG IReturnCode;	//Returned value to EntryDeviceStatus
LONG ICount;	//Loop counter

//Sets D0, D1 and D2 to the checked device list.
szDevice = "D0\nD1\nD2";

```
//Sets the checked device value "-10" for D0.
IInputData[0] = -10;
//Sets the checked device value "0" for D1.
IInputData[1] = 0;
//Sets the checked device value "10" for D2.
IInputData[2] = 10;
```

```
//If the set value is negative, stores "0"s into the upper 2 bytes
//for conversion into the value to be set to EntryDeviceStatus.
//Loops through the number of device points.
for(ICount = 0;ICount<=2; ICount++) {</pre>
        //If the set value is negative
        if (IInputData[ICount] < 0 ){</pre>
                 //Masks with 65535 (0000FFFF[hex]) to store
                 //"0"s into upper 2 bytes.
                 IEntryData[ICount] = IInputData[ICount] & 0x0000FFFF;
        }else{
        //If the set value is positive, assigns the value as-is to IEntryData.
                 IEntryData[ICount] = IInputData[ICount];
        }
}
//Executes EntryDeviceStatus.
IReturnCode = m ActLLT.EntryDeviceStatus(szDevice,3,5,IEntryData);
```

(To the next page)

<When Idata = -1>

 $void\ CVCTestDIg::OnOnDeviceStatusActllt1 (LPCTSTR\ szDevice,\ long\ IData,\ long\ IReturnCode)$

```
{
```

LONG ICheckData; //Value set to EntryDeviceStatus //(value before 0s are stored into the upper 2 bytes)

//If the device value whose condition was established is a WORD type negative value //(greater than 32767 (7FFF[Hex]) $\,$

if(IData > 0x7FFF){

//Since "0"s are stored in the upper 2 bytes, the device value is ORed //with FFFF0000[Hex] to convert it into a LONG type negative value. ICheckData = IData | 0xFFFF0000;

}else{

}

//If the device value whose condition was established is positive,

//assigns the value as-is to ICheckData.

ICheckData = IData;

}

Appendix 3 Time-Out Periods

On MX Component, a time-out may occur for the period different from the value set to the ActTimeOut property within the ACT Control. This section explains the time-out periods in various status.

Appendix 3.1 When retries are to be made at occurrence of time-out error

If a time-out error occurs during communication, time-out processing may be repeated a maximum of three times within the ACT control.

At that time, it will take a maximum of three times longer period than the set time-out value until a time-out occurs.

The following shows a communication path to be retried at a time-out of error occurrence.

- (1) Computer link module communication
 - (a) Configuration



(b) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

Conn	ected station				4	Relay	/ed station	CPU			
1. CPU	2. Connected module (Usable control name)	3. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Control CC IE Field	0	0	○*1	0	×	×	×	×	×
	MELSECNET/H	0	0	×	0	\times	×	×	\times	×	
		MELSECNET/10	0	0	×	0	0	0	0	×	0
	Q series-	MELSECNET(II)	×	×	×	×	\times	×	×	\times	×
QCPU	compatible C24	Ethernet	0	×	×	0	\times	0	×	×	×
(Q mode)	(ActQJ71C24,	Computer link	0	×	0	×	×	0	×	×	×
ActMLQJ71C24)	CC-Link	0	0	0	×	0	0	0	0	0	
	Multidrop (Independent mode)	0	×	0	×	×	0	×	×	×	
		Multidrop (Synchronous mode)	0	×	0	×	×	×	×	×	×

Conr	nected station				4.	Relay	ed station	CPU			
	2 Connected			1							Motion
1 CPU	module (Lisable	3. Relayed network	QCPU	Q12DC		QS	QCPU	QnA	ACPU	FX	controller
1.010	control name)		(Q mode)	CPU-V		CPU	(A mode)	CPU		CPU	
	contror name)		\sim		\sim						
			0	X	0	X	X	X	×	X	X
			X	X	X	X	X	X	X	X	X
			×	X	×	X	X	X	×	X	X
	L series-		X	X	X	X	X	X	×	X	X
	compatible C24	Ethernet	×	X	×	×	×	X	×	×	×
LOFU	(ActLJ71C24,		0	×	0	×	×	0	×	X	×
	ActMLLJ71C24)		0	0	0	X	0	0	0	X	×
	Nultiorop	0	×	0	×	×	0	×	\times	×	
		(Independent mode)	_		_			_			
		Wultidrop	0	×	0	\times	×	×	\times	×	×
		(Synchronous mode)	_		_						
			×	\times	\times	\times	×	\times	\times	\times	\times
			×	X	×	X	X	X	×	X	X
		×	×	×	X	X	0	X	X	×	
	QC24(N)		×	X	X	X	X	0	×	X	X
QnACPU	(ActAJ71QC24,		×	X	×	X	X	0	×	X	X
	ActMLAJ71QC24)		X	X	X	X	X	0	×	X	X
		CC-LINK Multidrop	×	×	×	X	X	0	×	X	X
		(Independent mode)	×	×	\times	\times	×	0	\times	\times	\times
		(Independent mode)									
		(Synchronous mode)	\times	×	\times	\times	×	0	\times	\times	×
		CC IE Field	\times	×	\times	\times	\times	\times	\times	\times	\times
(A mode)		MELSECNET/H	×	×	×	×	×	×	×	×	×
(A mode), On $\Delta C P H$	11024	MELSECNET/10	×	×	×	×				×	
ACPU	(ActA.J71UC24	MELSECNET(II)	×	×	×	×	0	$\overline{0}$	0	×	0
Motion	ActMI AJ71UC24)	Ethernet	×	×	×	×	×	×	×	×	×
controller	,	Computer link	×	×	×	×	×	×	×	×	×
2. Connected module (Usable control name)1. CPUmodule (Usable control name)LCPUL series- compatible C24 (ActLJ71C24, ActMLLJ71C24)QnACPUQC24(N) 	CC-Link	×	×	×	×	×	×	×	×	×	
		Multidrop	×	×	×	×				×	\cap
		CC IF Control	~	~	~			0		~	
OCPU		CC IE Field	\times	×	\times	\times	\times	\times	\times	\times	\times
(A mode)		MELSECNET/H	×	×	×	×	×	×	×	×	×
QnACPU.	C24	MELSECNET/10	×	×	×	×	0	0	0	×	0
ACPU,	(ActAJ71C24,	MELSECNET(II)	×	×	×	×	0	Õ	Õ	×	Õ
Motion	ActMLAJ71C24)	Ethernet	×	×	×	×	×	×	×	×	×
controller	,	Computer link	×	×	×	×	X	×	×	×	X
CPU		CC-Link	×	×	×	×	×	×	×	×	×
		Multidrop	×	×	×	×	0	0	0	×	0
		CC IE Control									
		CC IE Field	×	×	×	\times	×	\times	\times	\times	×
		MELSECNET/H	×	×	×	×	×	×	×	×	×
	FX extended port	MELSECNET/10	×	×	X	×	×	×	×	×	×
FXCPU	(ActFX485BD	MELSECNET(II)	×	×	×	×	×	×	×	×	×
	ActMLFX485BD)	Ethernet	×	×	X	×	×	×	×	×	×
	,	Computer link	×	×	X	×	×	×	×	\cap	×
		CC-Link	×	×	×	×	×	×	×	×	×
		Multidrop	×	×	×	×	×		×		×

(2) CPU COM communication

(a) Configuration



(b) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	CC IE Control CC IE Field	0	0	○*1	0	×	×	×	×	×
	MELSECNET/H	0	0	×	0	×	×	×	\times	×
QCPU (Q mode)	MELSECNET/10	0	0	×	0	0	0	0	×	0
(ActQCPUQ, ActMLQCPUQ)	MELSECNET(II)	×	×	×	×	×	×	×	×	×
	Ethernet	0	×	×	0	×	0	×	×	×
	Computer link	0	×	0	×	×	0	×	×	×
	CC-Link	0	0	0	\times	0	0	0	0	0
	CC IE Field * 1	0	\times	0	\times	\times	\times	×	\times	×
	MELSECNET/H	×	×	×	×	×	×	×	×	×
	MELSECNET/10	×	\times	×	\times	×	\times	×	\times	×
	MELSECNET(II)	×	\times	\times	\times	\times	\times	×	\times	\times
	Ethernet	×	\times	×	\times	\times	×	×	\times	\times
	Computer link	0	\times	0	\times	\times	0	×	\times	\times
	CC-Link	0	0	0	×	0	0	0	×	\times
	CC IE Control CC IE Field	×	×	\times	×	×	×	×	×	×
	MELSECNET/H	\times	\times	\times	\times	\times	\times	×	\times	\times
QCPU (A mode)	MELSECNET/10	×	\times	×	\times	0	×	0	\times	0
(ActQCPUA, ActMLQCPUA)	MELSECNET(II)	×	\times	×	×	0	×	0	\times	0
	Ethernet	×	×	\times	\times	×	\times	×	\times	×
	Computer link	×	×	×	×	×	×	×	\times	×
	CC-Link	×	×	\times	\times	×	×	×	\times	×

*1: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

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				3	. Rela	yed station	CPU			
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
	MELSECNET/H	×	×	×	×	×	×	×	\times	×
	MELSECNET/10	×	\times	\times	×	\times	0	×	\times	\times
	MELSECNET(II)	×	\times	\times	×	\times	0	×	\times	×
ACIMEQUACEU)	Ethernet	×	\times	\times	\times	\times	0	×	\times	\times
	Computer link	\times	\times	\times	×	\times	0	×	\times	\times
	CC-Link	\times	\times	\times	\times	\times	\times	×	\times	\times
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
	MELSECNET/H	×	×	×	×	×	×	×	×	×
ACPU, Motion controller CPU	MELSECNET/10	×	×	\times	\times	0	\times	0	\times	0
(ActACPU, ActMLACPU)	MELSECNET(II)	×	\times	\times	\times	0	\times	0	\times	0
	Ethernet	\times	\times	\times	\times	\times	\times	×	\times	\times
	Computer link	\times	\times	\times	\times	\times	\times	×	\times	\times
	CC-Link	\times	\times	\times	×	\times	\times	×	\times	\times
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
	MELSECNET/H	×	\times	×	\times	\times	\times	×	\times	\times
FXCPU	MELSECNET/10	\times	\times	\times	×	\times	\times	×	\times	\times
(ActFXCPU, ActMLFXCPU)	MELSECNET(II)	×	×	\times	\times	×	\times	×	\times	×
	Ethernet	×	×	×	\times	×	\times	×	\times	×
	Computer link	×	×	\times	×	×	\times	×	\times	×
	CC-Link	×	×	\times	\times	×	\times	\times	\times	×

(3) CPU USB communication

(a) Configuration



(b) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs all become targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

				3	Relay	yed station	CPU			
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	CC IE Control CC IE Field	0	0	O *1	0	×	×	×	×	×
	MELSECNET/H	0	0	\times	0	×	×	×	×	×
	MELSECNET/10	0	0	×	0	0	0	0	×	0
	MELSECNET(II)	×	×	×	\times	×	×	\times	×	×
ActMLQCPUQUSB)	Ethernet	0	×	×	0	×	0	×	×	×
	Computer link	0	×	0	×	×	0	\times	×	×
	CC-Link	0	0	0	×	0	0	0	×	0
	CC IE Control CC IE Field	0	0	O *1	0	×	×	×	×	×
	MELSECNET/H	0	0	×	0	×	×	\times	×	×
Q12DCCPU-V	MELSECNET/10	0	0	×	0	0	0	0	×	0
(ActQCPUQUSB,	MELSECNET(II)	×	×	×	×	×	×	×	×	×
ActMLQCPUQUSB)	Ethernet	×	×	×	\times	×	\times	\times	×	×
	Computer link	×	×	0	×	×	×	×	×	×
	CC-Link	0	0	0	×	0	0	0	×	0
	CC IE Field *1	0	×	0	×	×	\times	×	×	×
	MELSECNET/H	×	×	×	×	×	×	×	×	×
LCPU	MELSECNET/10	×	×	×	×	×	×	×	×	×
(ActLCPUUSB,	MELSECNET(II)	×	×	×	×	×	×	\times	×	×
ActMLLCPUUSB)	Ethernet	×	×	×	×	×	×	×	×	×
	Computer link	0	×	0	×	×	0	\times	×	×
	CC-Link	0	0	0	\times	0	0	0	×	×
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
EXODU	MELSECNET/H	×	×	×	\times	×	\times	\times	×	×
	MELSECNET/10	×	×	×	×	×	×	×	×	×
(ActFXCPUUSB,	MELSECNET(II)	×	×	×	×	×	×	×	×	×
ActMLFXCPUUSB)	Ethernet	×	×	×	\times	×	×	\times	\times	×
	Computer link	×	×	×	×	×	×	\times	\times	×
	CC-Link	×	×	×	×	×	×	×	×	×

(4) CC-Link G4 communication

(a) Configuration



(b) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

1) When CC-Link G4-S3 module is in Q mode and connected station CPU is QCPU (Q mode) or Q12DCCPU-V

1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	CC IE Control CC IE Field	0	0	○*1	0	×	×	×	×	×
	MELSECNET/H	0	0	×	0	\times	×	×	×	\times
QCPU (Q mode)	MELSECNET/10	0	0	×	0	0	0	0	×	0
(ActCCG4Q, ActMLCCG4Q)	MELSECNET(II)	×	×	×	×	×	×	×	×	×
	Ethernet	0	×	×	0	×	0	×	×	×
	Computer link	0	×	×	\times	\times	0	×	×	×
	CC-Link	0	\times	×	\times	0	0	0	\times	0
	CC IE Control CC IE Field	0	0	O*1	0	×	×	×	×	×
	MELSECNET/H	0	0	\times	0	\times	\times	×	\times	\times
	MELSECNET/10	0	0	\times	0	\times	\times	×	×	\times
	MELSECNET(II)	\times	\times	\times	\times	\times	\times	×	\times	\times
ACIMILQCPUQUSB)	Ethernet	\times	\times	×	\times	\times	×	×	\times	\times
	Computer link	×	\times	\times	\times	\times	×	×	\times	\times
	CC-Link	×	×	×	×	×	\times	×	×	×

1. Connected module (Usable control name)		3. Relayed station CPU										
	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU		
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×		
	MELSECNET/H	\times	\times	×	\times	\times	\times	×	\times	\times		
LCPU	MELSECNET/10	×	\times	×	×	×	×	×	\times	\times		
(ActCCG4Q, ActMLCCG4Q)	MELSECNET(II)	×	\times	×	×	×	×	×	\times	\times		
	Ethernet	×	\times	×	×	×	×	×	\times	\times		
	Computer link	×	\times	×	×	\times	0	×	×	\times		
	CC-Link	×	×	×	×	×	×	×	×	×		

2) When CC-Link G4-S3 module is in Q mode and connected station CPU is LCPU

3) When CC-Link G4 module is in QnA mode

				3	. Relay	ed station	CPU			
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	CC IE Control	×	×	×	×	×	×	×	×	×
	CC IE Field	~	~	~	~	~	~	~	~	~
	MELSECNET/H	×	×	×	\times	×	×	\times	\times	\times
	MELSECNET/10	×	\times	×	\times	×	0	×	\times	×
	MELSECNET(II)	×	×	×	\times	×	0	×	\times	×
ActMLCCG4QnA)	Ethernet	×	×	×	×	×	0	×	×	×
	Computer link	×	×	×	×	×	0	×	×	×
	CC-Link	×	\times	\times	\times	×	\times	\times	\times	×

4) When CC-Link G4 module is in A mode

				3	. Relay	ed station	CPU			
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
	MELSECNET/H	×	\times	\times	\times	\times	\times	\times	\times	\times
QCPU (A mode), ACPU,	MELSECNET/10	×	×	×	×	×	×	×	\times	×
	MELSECNET(II)	×	×	×	×	×	×	×	×	×
(ActCCG4A, ActMLCCG4A)	Ethernet	×	×	\times	×	×	\times	×	\times	×
	Computer link	×	×	×	×	×	×	×	×	×
	CC-Link	×	\times	\times	\times	×	\times	×	\times	×

- (5) Modem communication
 - (a) When A6TEL is used
 - 1) Configuration



IBM-PC/AT compatible

2) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

Conn	ected station				3	. Relay	ed station	CPU			
1. CPU	Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
ACPU,		MELSECNET/H	×	×	×	× × ×	×	\times	×	×	×
Motion	Abiel,	MELSECNET/10	×	×	×	\times	0	\times	0	×	0
controller		MELSECNET(II)	×	×	\times	\times	0	\times	0	\times	0
CPU	(ActA6TEL)	Ethernet	×	×	×	\times	×	×	×	×	×
		Computer link	×	×	×	\times	×	\times	×	×	×
	C	CC-Link	×	×	×	×	×	×	×	×	×

(b) When Q6TEL is used

1) Configuration



IBM-PC/AT compatible

2) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target the relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

Conn	ected station				3	. Relay	ed station	CPU			
1. CPU	Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
		MELSECNET/H	×	×	\times \times \times	×	×	×	×	×	
	Q6TEL,	MELSECNET/10	×	×	×	×	×	0	×	×	×
QNACPU		MELSECNET(II)	×	×	×	×	×	0	×	×	×
	(ActQ6TEL)	Ethernet	×	\times	\times	\times	\times	0	×	\times	\times
		Computer link	×	\times	×	\times	\times	0	×	\times	\times
	C	CC-Link	×	X	×	×	×	×	×	×	×

(c) When FXCPU is used

1) Configuration



IBM-PC/AT compatible

2) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

				3	. Relay	yed statior	CPU			
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	CC IE Control	~	~	\times	~	~	×	~	~	~
	CC IE Field	~	~	~	~	~	~	~	~	~
	MELSECNET/H	\times	\times	\times	\times	\times	\times	×	\times	\times
	MELSECNET/10	×	\times	×	\times	\times	\times	×	\times	\times
	MELSECNET(II)	×	\times	\times	\times	\times	\times	×	\times	\times
 	Ethernet	×	\times	×	\times	\times	×	×	\times	\times
	Computer link	×	\times	\times	\times	\times	\times	×	\times	\times
	CC-Link	×	X	×	×	×	×	×	×	×

(d) When Q series-compatible C24 and QC24N is used

1) Configuration



2) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target the relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

Con	nected station				4.	Rela	yed statior	CPU			
1. CPU	2. Connected module (Usable control name)	3. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Control CC IE Field	0	0	O*1	0	×	×	×	×	×
		MELSECNET/H	0	0	\times	0	\times	\times	×	\times	\times
	O corico compotiblo	MELSECNET/10	0	0	\times	0	0	0	0	\times	0
QCPU		MELSECNET(II)	×	\times	×	\times	\times	\times	×	\times	\times
(Q mode) (ActQJ71C24	(ActO 171C24TEL)	Ethernet	0	\times	\times	0	\times	0	×	\times	\times
	(ACIQUI ICZ41LL)	Computer link	0	\times	0	\times	×	0	×	\times	\times
		CC-Link	0	0	0	\times	0	0	0	\times	0
		Multidrop (Independent mode)	0	0	0	×	×	0	×	×	×
		CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
		MELSECNET/H	×	\times	×	\times	×	\times	×	\times	×
		MELSECNET/10	\times	\times	\times	\times	\times	0	×	\times	\times
ORACDU	QC24N	MELSECNET(II)	\times	\times	\times	\times	\times	0	×	\times	\times
QHACFU	(ActAJ71QC24TEL)	Ethernet	\times	\times	\times	\times	\times	0	×	\times	\times
		Computer link	×	\times	\times	\times	\times	0	×	\times	\times
		CC-Link	×	\times	\times	\times	\times	0	×	\times	\times
		Multidrop (Independent mode)	×	×	×	×	×	0	×	×	×

(e) When L series-compatible C24 is used

1) Configuration



IBM-PC/AT compatible

2) Target/non-target communication path

The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target the relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

Cor	nected station				4	Relay	yed statior	n CPU			
1. CPU	2. Connected module (Usable control name)	3. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Field * 1	0	\times	0	\times	×	\times	\times	\times	×
		MELSECNET/H	×	×	×	×	×	×	×	\times	×
		MELSECNET/10	×	×	×	×	×	×	×	×	×
	L series-compatible	MELSECNET(II)	\times	\times	\times	\times	\times	\times	×	\times	\times
LCPU	C24	Ethernet	×	×	×	×	×	×	×	\times	×
	(ActLJ71C24TEL)	Computer link	0	×	0	\times	×	0	×	\times	×
		CC-Link	0	0	0	×	0	0	0	\times	×
		Multidrop (Independent mode)	0	×	0	×	×	0	×	×	×

Appendix 3.2 When retries are to be made at occurrence of receive data error

If a receive data error occurs during communication, send/receive retry processing may be repeated a maximum of three times within the ACT control. At that time, it will take a maximum of three times longer period than the set time-out

value until normal or abnormal termination of the function.

The following shows a communication path to be retried at a time-out error occurrence.

- (1) Ethernet communication
 - (a) Configuration



IBM-PC/AT compatible

(b) Target/non-target communication path The following table indicates the communication paths to be retried at a time-out error occurrence.

All the connected station CPUs can be the targets.

Target/non-target the relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

Co	onnected station				4.	Rela	yed statior	CPU			
1. CPU	2. Connected module (Usable control name)	3. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
	Q series-compatible	CC IE Control CC IE Field	0	0	○ *1	0	×	×	×	×	×
	E/1, Duilt in Ethernet neut	MELSECNET/H	0	0	×	0	×	×	\times	\times	×
QCPU	CPU mode) Built-in Ethernet port QCPU (ActQJ71E71TCP, ActMI Q I71E71TCP	MELSECNET/10	0	0	×	0	0	0	0	\times	0
(Q mode)	ode) (ActQJ71E71TCP, ActMLQJ71E71TCP, ActQNUDECPUTCP) Q series-compatible	MELSECNET(II)	×	×	×	×	×	×	\times	\times	×
		Ethernet	0	×	\times	0	×	0	\times	×	×
		Computer link	0	×	0	\times	×	\times	\times	\times	×
		CC-Link	0	0	0	\times	×	×	\times	×	×
		CC IE Control CC IE Field	0	0	○*1	0	×	×	×	×	×
	E/1, Duilt in Ethernet neut	MELSECNET/H	0	0	\times	\circ	×	\times	\times	\times	×
QCPU		MELSECNET/10	0	0	\times	0	0	0	0	\times	0
(Q mode)		MELSECNET(II)	×	×	\times	\times	×	\times	\times	\times	×
		Ethernet	0	×	×	0	×	0	×	×	×
		Computer link	0	×	0	×	×	\times	×	×	×
		CC-Link	0	0	0	×	×	×	×	×	×

* 1: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

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Co	onnected station				4	Rela	yed statior	CPU			
1. CPU	2. Connected module (Usable control name)	3. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Field * 1	0	\times	0	×	×	\times	×	\times	\times
		MELSECNET/H	×	\times	\times	\times	×	\times	\times	\times	\times
	LCPU	MELSECNET/10	×	\times	\times	\times	×	\times	\times	\times	×
LCPU	(ActLCPUTCP,	MELSECNET(II)	×	\times	\times	\times	×	\times	\times	\times	\times
	ActMLLCPUTCP)	Ethernet	×	\times	\times	\times	×	\times	\times	\times	×
		Computer link	0	\times	\bigcirc	\times	×	\times	\times	\times	×
		CC-Link	0	0	0	\times	×	\times	\times	\times	×
		CC IE Field * 1	0	\times	0	\times	×	\times	\times	\times	×
		MELSECNET/H	×	\times	\times	\times	×	\times	\times	\times	\times
LCPU	LCPU	MELSECNET/10	×	\times	\times	\times	×	\times	\times	\times	\times
	(ActLCPUUDP,	MELSECNET(II)	×	×	\times	\times	×	\times	\times	\times	×
	ActMLLCPUUDP)	Ethernet	×	×	\times	\times	×	\times	\times	\times	\times
		Computer link	0	×	0	\times	×	\times	\times	\times	\times
		CC-Link	0	0	0	\times	×	\times	\times	\times	\times
		CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
	0574	MELSECNET/H	×	×	\times	\times	×	\times	\times	\times	\times
		MELSECNET/10	×	×	\times	\times	×	0	\times	\times	\times
QNACPU		MELSECNET(II)	×	×	×	\times	×	×	\times	\times	×
,	$\neg u u u \Box A U U \Box A U U \Box C U U D C)$	Ethernet	×	×	×	×	×	\times	×	×	×
		Computer link	×	×	×	×	×	×	\times	\times	×
		CC-Link	×	×	×	×	×	×	×	\times	×

Appendix 3.3 When time-out occurs at fixed time in ACT control

MX Component makes communication to check whether the personal computer and Programmable controller system are connected correctly before the Open function is executed.

When making the above communication use, the fixed time-out period (1000ms to 4500ms) within the ACT control.

Note that if an error occurs during the above communication, an error other than the time-out error may occur.

The following shows a communication path where a time-out will occur at the fixed time within the ACT control.

(1) Computer link module communication

(a) Configuration



(b) Target/non-target communication path

The following table indicates the communication paths where a time-out will occur at the fixed time within the ACT control.

All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

Con	nected station				4.	Relay	ed station	CPU			
1. CPU	2. Connected module (Usable control name)	3. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Control CC IE Field	0	0	O*1	0	×	×	\times	×	×
		MELSECNET/H	0	0	\times	0	\times	\times	\times	×	×
		MELSECNET/10	0	0	\times	0	0	0	0	\times	0
	Q series-compatible	MELSECNET(II)	×	\times	\times	\times	\times	\times	×	×	×
QCPU	C24	Ethernet	0	\times	\times	0	×	0	\times	\times	×
(Q mode)	(ActQJ71C24,	Computer link	0	\times	0	\times	×	0	×	×	×
	ActMLQJ71C24)	CC-Link	0	0	0	\times	0	0	0	0	0
	N ((Multidrop (Independent mode)	0	×	0	×	×	0	×	×	×
		Multidrop (Synchronous mode)	0	×	0	×	×	×	×	×	×

*1: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

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Con	nected station				4.	Relay	ed station	CPU			
1. CPU	2. Connected module (Usable control name)	3. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU
		CC IE Field * 1	0	×	0	×	×	\times	×	\times	×
		MELSECNET/H	×	×	×	×	×	×	×	×	×
		MELSECNET/10	×	×	×	×	×	×	×	×	×
	l	MELSECNET(II)	×	×	×	×	×	×	×	\times	×
	L series-compatible	Ethernet	×	×	×	×	×	×	×	\times	×
LCPU	LCPU C24 (ActLJ71C24, ActMLLJ71C24)	Computer link	0	×	0	×	×	0	×	×	×
		CC-Link	0	0	0	×	0	0	0	×	×
		Multidrop (Independent mode)	0	×	0	×	×	0	×	×	×
		Multidrop (Synchronous mode)	0	×	0	×	×	×	×	×	×
		CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
		MELSECNET/H	×	×	×	×	×	×	×	\times	×
		MELSECNET/10	×	×	×	×	×	0	×	×	×
	0004(NI)	MELSECNET(II)	×	×	×	×	×	0	×	×	×
	QC24(N)	Ethernet	×	\times	\times	\times	×	0	\times	\times	×
QIIACEU	$(ACIAJ7 IQC24, ActML \Delta I710C24)$	Computer link	×	\times	\times	\times	×	0	\times	\times	×
		CC-Link	\times	\times	\times	\times	\times	0	\times	\times	\times
		Multidrop (Independent mode)	×	×	×	×	×	0	×	×	×
	((Multidrop (Synchronous mode)	×	×	×	×	×	0	×	×	×

(2) CPU COM communication

(a) Configuration



(b) Target/non-target communication path

The following table indicates the communication paths where a time-out will occur at the fixed time within the ACT control.

All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

1 Connected module				3	. Relay	yed station	CPU			
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU × ×	Motion controller CPU
	CC IE Control CC IE Field	0	0	O*1	0	×	×	×	×	×
OCDU(Omeda)	MELSECNET/H	0	0	\times	0	\times	\times	×	\times	\times
	MELSECNET/10	0	0	\times	0	0	0	0	\times	0
(ActQCPUQ, ActMLQCPUQ)	MELSECNET(II)	×	\times	\times	\times	\times	\times	×	\times	\times
	Ethernet	0	\times	\times	0	\times	0	×	\times	\times
	Computer link	0	\times	0	\times	\times	0	×	\times	\times
	CC-Link	0	0	0	\times	0	0	0	0	0
	CC IE Field * 1	0	\times	0	×	\times	\times	×	\times	×
	MELSECNET/H	×	×	\times	×	×	×	×	\times	×
	MELSECNET/10	×	×	×	×	×	×	×	×	×
	MELSECNET(II)	×	×	×	×	×	×	×	×	×
	Ethernet	×	×	\times	\times	×	\times	×	\times	×
	Computer link	0	×	0	×	×	0	×	\times	×
	CC-Link	0	0	0	×	0	0	0	×	×
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×
	MELSECNET/H	×	×	×	×	×	×	×	×	×
QCPU (A mode)	MELSECNET/10	×	×	×	×	0	×	0	×	0
(ActQCPUA, ActMLQCPUA)	MELSECNET(II)	×	×	\times	\times	0	\times	0	\times	0
	Ethernet	×	×	×	×	×	×	×	×	×
	Computer link	×	×	\times	\times	×	×	×	\times	×
	CC-Link	×	×	×	×	×	×	×	×	×

*1: Inaccessible to LCPU relayed by CC-Link IE Controller Network since CC-Link IE Controller Network is not supported.

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		3. Relayed station CPU									
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU	
0.105	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×	
	MELSECNET/H	×	×	×	\times	×	\times	\times	\times	\times	
	MELSECNET/10	×	×	×	\times	×	0	×	\times	\times	
	MELSECNET(II)	×	×	×	×	×	0	×	×	×	
ACIVILQNACPU)	Ethernet	×	×	×	×	×	0	×	×	×	
	Computer link	×	\times	×	\times	×	0	×	\times	\times	
	CC-Link	×	\times	\times	\times	×	\times	×	\times	\times	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×	
	MELSECNET/H	×	×	×	×	×	×	×	×	×	
ACPU, Motion controller	MELSECNET/10	×	×	×	×	0	×	0	×	0	
	MELSECNET(II)	×	×	×	×	0	×	0	×	0	
	Ethernet	×	×	×	×	×	×	×	×	×	
	Computer link	×	×	×	×	×	×	×	×	×	
	CC-Link	×	×	×	×	×	×	×	×	×	
	CC IE Control CC IE Field	×	×	×	×	×	×	×	×	×	
	MELSECNET/H	\times	\times	\times	\times	\times	\times	×	\times	\times	
FXCPU	MELSECNET/10	×	\times	\times	×	×	\times	×	\times	\times	
(ActFXCPU, ActMLFXCPU)	MELSECNET(II)	×	×	×	×	×	×	×	×	×	
	Ethernet	×	×	×	\times	×	\times	×	\times	×	
	Computer link	×	×	×	\times	×	\times	×	\times	×	
	CC-Link	×	×	×	×	×	\times	×	\times	×	

(3) CC-Link G4 communication

(a) Configuration



(b) Target/non-target communication path

The following table indicates the communication paths where a time-out will occur at the fixed time within the ACT control. All the connected station CPUs can be the targets.

Target/non-target relayed CPUs are indicated by \bigcirc (target) or \times (non-target).

1) When CC-Link G4-S3 module is in Q mode and connected station CPU is QCPU (Q mode) or Q12DCCPU-V

		3. Relayed station CPU										
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU		
	CC IE Control CC IE Field	0	0	O*1	0	×	×	×	×	×		
	MELSECNET/H	0	0	×	0	\times	×	×	\times	\times		
QCPU (Q mode)	MELSECNET/10	0	0	×	0	0	0	0	×	0		
(ActCCG4Q, ActMLCCG4Q)	MELSECNET(II)	×	×	\times	×	×	×	×	×	\times		
	Ethernet	0	×	×	0	×	0	×	\times	\times		
	Computer link	0	×	×	×	×	0	×	×	×		
	CC-Link	0	×	\times	×	0	0	0	×	0		
	CC IE Control CC IE Field	0	0	O*1	0	×	×	×	×	×		
	MELSECNET/H	0	0	\times	0	\times	\times	×	\times	\times		
Q12DCCPU-V	MELSECNET/10	0	0	\times	\bigcirc	0	0	0	\times	0		
(ActCCG4Q, ActMLCCG4Q)	MELSECNET(II)	\times	\times	\times	\times	\times	×	×	\times	\times		
	Ethernet	×	×	\times	×	\times	×	×	×	×		
	Computer link	\times	\times	\times	\times	\times	×	×	\times	\times		
	CC-Link	×	×	\times	×	\times	×	×	\times	×		

2) When CC-Link G4-S3 module is in Q mode and connected station CPU is LCPU

		3. Relayed station CPU											
1. Connected module (Usable control name)	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU			
	CC IE Control	×	×	×	×	×	×	×	×	×			
	CC IE Field	~	~	~	~	~	^	~	~	~			
	MELSECNET/H	\times	\times	×	\times	\times	\times	×	\times	\times			
LCPU	MELSECNET/10	\times	\times	×	\times	\times	\times	×	\times	\times			
(ActCCG4Q, ActMLCCG4Q)	MELSECNET(II)	\times	\times	×	\times	\times	\times	×	\times	\times			
	Ethernet	\times	\times	\times	\times	\times	\times	×	\times	\times			
	Computer link	\times	\times	\times	\times	\times	0	×	\times	\times			
	CC-Link	\times	\times	×	×	×	\times	×	\times	×			

3) When CC-Link G4 module is in QnA mode

1. Connected module (Usable control name)		3. Relayed station CPU											
	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU			
	CC IE Control	~	$\mathbf{\mathbf{v}}$	~	$\mathbf{\vee}$	~	~	~	~	~			
	CC IE Field	^	^	^	^	^	^	^	^	^			
	MELSECNET/H	×	\times	×	\times	\times	\times	\times	\times	\times			
	MELSECNET/10	×	\times	\times	\times	\times	0	\times	\times	\times			
(ACICCG4QNA,	MELSECNET(II)	×	×	\times	\times	×	0	\times	\times	×			
	Ethernet	×	×	×	×	×	0	×	×	×			
	Computer link	×	×	×	×	×	0	×	×	×			
	CC-Link	×	×	\times	\times	×	\times	×	\times	×			

4) When CC-Link G4 module is in A mode

1. Connected module (Usable control name)		3. Relayed station CPU											
	2. Relayed network	QCPU (Q mode)	Q12DC CPU-V	LCPU	QS CPU	QCPU (A mode)	QnA CPU	ACPU	FX CPU	Motion controller CPU			
	CC IE Control	×	×	×	×	×	×	×	×	×			
	CC IE Field	~	~	~	~	~	~~	~	~	~			
	MELSECNET/H	×	\times	\times	\times	\times	\times	×	\times	\times			
QCPU (A mode), ACPU, Motion controller CDU	MELSECNET/10	×	\times	\times	\times	\times	\times	×	\times	\times			
	MELSECNET(II)	×	\times	×	\times	\times	\times	×	\times	\times			
	Ethernet	×	×	×	\times	\times	×	×	\times	\times			
	Computer link	×	×	×	×	×	×	×	\times	×			
	CC-Link	×	×	×	×	×	\times	×	×	×			

Appendix 4 Corrective Actions for an Error with Code 0x01800002 or 0x018000003

If a memory lock error (0x01800002) or a memory securing error (0x01800003) occurs in an ACT control when an Interface board for personal computers is used, increase the minimum working set size of the personal computer.

The personal computer board driver runs using the minimum working set size in the memory area reserved in the user program.

Some user programs require a larger size for the minimum working set.

Therefore, if the minimum working set size for the personal computer board driver cannot be reserved, the memory lock error (0x01800002) or the memory securing error (0x01800003) is returned.

In this situation, increase the minimum working set size in the user program before executing the ACT control function.

(Refer to the sample programs in (2) and (3).)

The minimum working set size of 200KB is reserved at startup of the personal computer.

- (1) Processing overview of sample program
 - (a) Obtain the user program ID by the GetCurrentProcessID function.
 - (b) Using the ID obtained in step (a), obtain the user program handle by the OpenProcess function.
 - (c) The current minimum and maximum working set sizes can be obtained by executing the GetProcessWorkingSetSize function.
 - (d) Set a size larger than the minimum working set obtained in step (c) and execute the SetProcessWorkingSetSize function.
 - (e) Release the user program handle by the CloseHandle function.

(2) Sample program: When setting with Visual Basic[®] 6.0, .NET2003, 2005, 2008 or 2010 (Example when a minimum working set size is 1MB and maximum working set size is 3MB) When programming with Visual Basic® 6.0 or .NET2005, change the type definition of variables (id, ph, wkmin, wkmax) from Integer to Long. Dim id As Integer 'User program ID variable Dim ph As Integer 'User program handle variable Dim wkmin As Integer 'Minimum working set variable Dim wkmax As Integer 'Maximum working set variable Dim bret As Boolean 'Return value 'Obtain the user program ID id = GetCurrentProcessID() 'Open the user program handle 'PROCESS SET QUOTA = 256, PROCESS QUERY INFORMATION = 1024 ph = OpenProcess(256 + 1024,False,id) 'Obtain the maximum working set size and minimum working set size for the user program bret = GetProcessWorkingSetSize(ph,wkmin,wkmax) 'Set the minimum working set size to 1MB wkmin = 1 * 1024 * 1024 'Set the maximum working set size to 3MB wkmax = 3 * 1024 * 1024 'Change the maximum working set size and minimum working set size for the user program bret = SetProcessWorkingSetSize(ph,wkmin,wkmax) 'Close the user program handle bret = CloseHandle(ph)

The set sizes shown here are reference sizes. Adjust the sizes in accordance with your system.

```
(3) Sample program: When setting with Visual C++<sup>®</sup> 6.0, .NET2003,
                           2005, 2008 or 2010
                           (Example when a minimum working set size is 1MB and maximum working set
                            size is 3MB)
#define ERROR -1
short ChangeWorkingSetSize()
 {
 DWORD dwProcessId;
                                      /*User program ID variable*/
 HANDLE hProcess;
                                             /*User program handle variable*/
 DWORD dwMinimumWorkingSetSize;
                                             /*Minimum working set variable*/
 DWORD dwMaximumWorkingSetSize;
                                             /*Maximum working set variable*/
 /*Obtain the user program ID*/
 dwProcessId = GetCurrentProcessId();
 /*Open the user program handle*/
 hProcess =
 OpenProcess(PROCESS_SET_QUOTA+PROCESS_QUERY_INFORMATION,FALSE,dwProcessId);
 if(hProcess == NULL){
       /*Error end*/
       return(ERROR);
 }
 /*Obtain the maximum working set size and minimum working set size for the user program */
 if(GetProcessWorkingSetSize(hProcess,&dwMinimumWorkingSetSize,&dwMaximumWorkingSetSize)==0){
       /*Error end*/
       CloseHandle(hProcess);
       return(ERROR);
 }
 /*Set the minimum working set size to 1MB*/
 dwMinimumWorkingSetSize = 1 * 1024 * 1024;
 /*Set the maximum working set size to 3MB*/
 dwMaximumWorkingSetSize = 3 * 1024 * 1024;
 /*Change the maximum working set size and minimum working set size for the user program */
 if(SetProcessWorkingSetSize(hProcess,dwMinimumWorkingSetSize,dwMaximumWorkingSetSize)==0){
       /*Error end*/
       CloseHandle(hProcess);
       return(ERROR);
 }
 /*Close the user program handle*/
 CloseHandle(hProcess);
 /*Normal return*/
 return(0);
```

The set sizes shown here are reference sizes. Adjust the sizes in accordance with your system.

MEMO

WARRANTY

Please confirm the following product warranty details before using this product.

1. Gratis Warranty Term and Gratis Warranty Range

If any faults or defects (hereinafter "Failure") found to be the responsibility of Mitsubishi occurs during use of the product within the gratis warranty term, the product shall be repaired at no cost via the sales representative or Mitsubishi Service Company.

However, if repairs are required onsite at domestic or overseas location, expenses to send an engineer will be solely at the customer's discretion. Mitsubishi shall not be held responsible for any re-commissioning, maintenance, or testing onsite that involves replacement of the failed module.

[Gratis Warranty Term]

The gratis warranty term of the product shall be for one year after the date of purchase or delivery to a designated place.

Note that after manufacture and shipment from Mitsubishi, the maximum distribution period shall be six (6) months, and the longest gratis warranty term after manufacturing shall be eighteen (18) months. The gratis warranty term of repair parts shall not exceed the gratis warranty term before repairs.

[Gratis Warranty Range]

- (1) The range shall be limited to normal use within the usage state, usage methods and usage environment, etc., which follow the conditions and precautions, etc., given in the instruction manual, user's manual and caution labels on the product.
- (2) Even within the gratis warranty term, repairs shall be charged for in the following cases.
 - 1. Failure occurring from inappropriate storage or handling, carelessness or negligence by the user. Failure caused by the user's hardware or software design.
 - 2. Failure caused by unapproved modifications, etc., to the product by the user.
 - 3. When the Mitsubishi product is assembled into a user's device, Failure that could have been avoided if functions or structures, judged as necessary in the legal safety measures the user's device is subject to or as necessary by industry standards, had been provided.
 - 4. Failure that could have been avoided if consumable parts (battery, backlight, fuse, etc.) designated in the instruction manual had been correctly serviced or replaced.
 - 5. Failure caused by external irresistible forces such as fires or abnormal voltages, and Failure caused by force majeure such as earthquakes, lightning, wind and water damage.
 - 6. Failure caused by reasons unpredictable by scientific technology standards at time of shipment from Mitsubishi.
 - 7. Any other failure found not to be the responsibility of Mitsubishi or that admitted not to be so by the user.

2. Onerous repair term after discontinuation of production

- (1) Mitsubishi shall accept onerous product repairs for seven (7) years after production of the product is discontinued. Discontinuation of production shall be notified with Mitsubishi Technical Bulletins, etc.
- (2) Product supply (including repair parts) is not available after production is discontinued.

3. Overseas service

Overseas, repairs shall be accepted by Mitsubishi's local overseas FA Center. Note that the repair conditions at each FA Center may differ.

4. Exclusion of loss in opportunity and secondary loss from warranty liability

Regardless of the gratis warranty term, Mitsubishi shall not be liable for compensation of damages caused by any cause found not to be the responsibility of Mitsubishi, loss in opportunity, lost profits incurred to the user by Failures of Mitsubishi products, special damages and secondary damages whether foreseeable or not, compensation for accidents, and compensation for damages to products other than Mitsubishi products, replacement by the user, maintenance of on-site equipment, start-up test run and other tasks.

5. Changes in product specifications

The specifications given in the catalogs, manuals or technical documents are subject to change without prior notice.

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MX Component Version 3

Programming Manual

MODEL MELS3-ACTE-P-E

MODEL CODE

13JF66

SH(NA)-080272-N(1105)MEE

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