Changes for the Better



December 2008 GOT1000 General Catalog



Mitsubishi Electric Corporation Nagoya Works and Himeji Works are factories certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems).



4001 UKAS NVIRONMENTAI MANAGEMENT VENHO EC97J1113 051







With new products coming and going very quickly in rapidly changing markets, "time" is the key to competitiveness and success. This How about starting up equipment quickly without even bothering with programming? Or debugging and troubleshooting at worksites To make it happen, the GOT1000 offers cutting-edge solutions, leaving conventional HMIs far behind.





The cutting-edge GT16 epitomizes an "all-in-one" HMI. **Coming on the center stage** with a dignified full flat face.





15" type



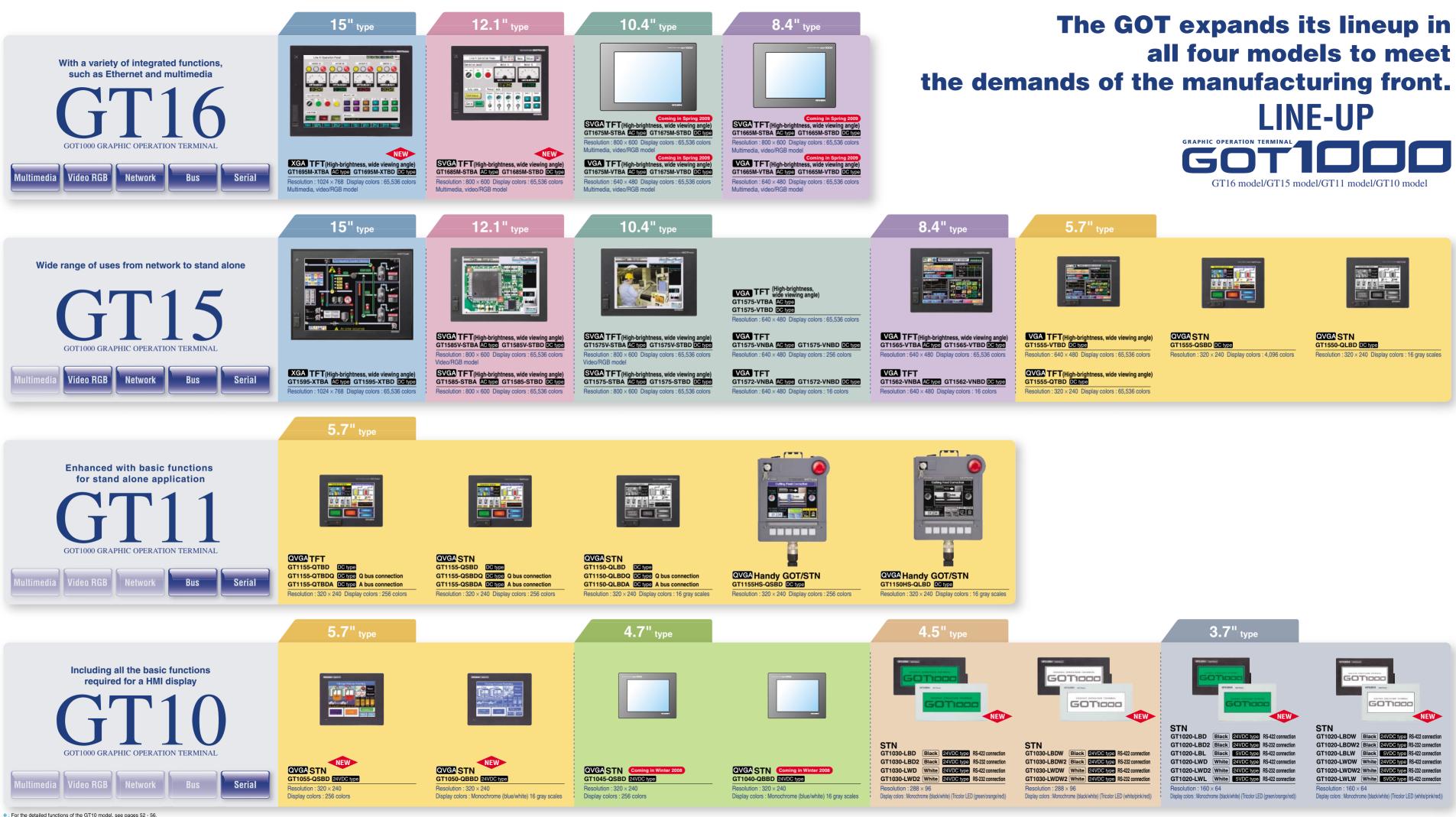
^{12.1&}quot; type

With cost performance second to none. The GT10 offers 5.7" type GT105.















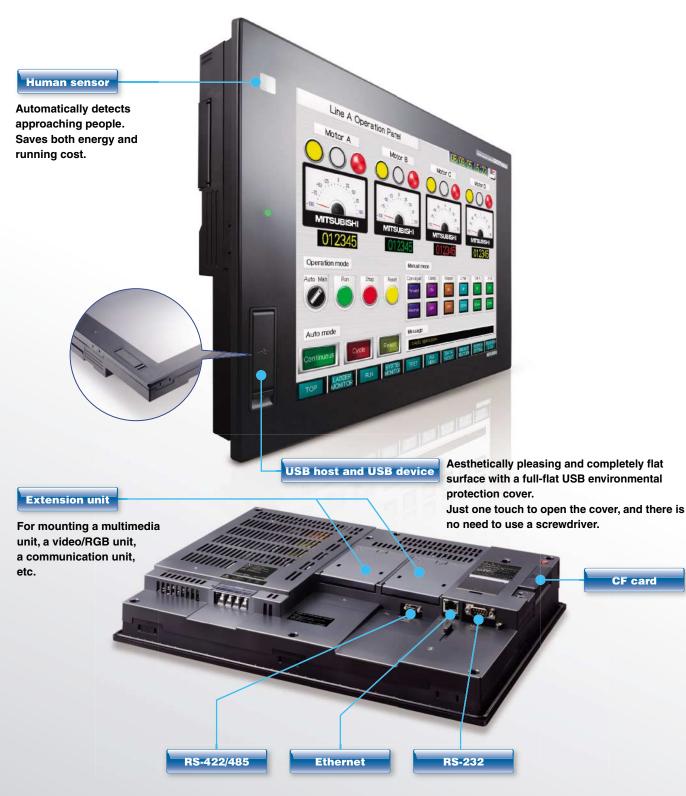








The GT1000 now goes even further. The new all-in-one model is packed with all the solutions to meet the needs of customers.



Greatly increased memory capacity! Requiring no optional function boards

Enables use of real parts without having to worry about the memory capacity

The user memory is increased from the standard 9MB to 15MB. An optional function board is not necessary for memory extension. Increased memory capacity (See page 26.)

Useful functions are available while requiring no optional function boards

Requires no optional function boards that were previously necessary when using the multi-channel function, the document display, and the Q/QnA ladder monitor function.

Equipped with USB host and USB devices

USB host (Type A)

Hooking up a USB memory drive here enables storage of resource data such as operating systems, project data and alarm logs, as well as backup/restored data such as sequence programs. The data communication is simple and easy between the GOT main unit and a CF card



Various interfaces are available as standard features, including Ethernet, RS-422/485, and RS-232

A variety of built-in interfaces

The built-in interfaces (Ethernet, RS-422/485 and RS-232) enable connection to up to four kinds of FA equipment simultaneously without installing an additional optional communication unit. Multi-channel function (See page 29.)

Ethernet helps extend systems

The built-in Ethernet interface connects to a PLC CPU with a built-in Ethernet and a host system easily while requiring no optional communication unit.

▶ Wide selection of connectable FA devices and peripherals (See page 28.)

Gateway function (See page 32.)

MES interface function (See page 33.)

* : For the Ethernet connection, if connected to equipment compatible with 10BASE T/2/5), use a switching hub for its operation in a network environment where both 10Mbps and 100Mbps systems are operable.

All the models are compatible with multimedia and video/RGB units

Compatible with recording and playing back high resolution motion images

Multimedia functions capable of recording and plaving back smooth flow of motion images can visually check and monitor site conditions in an emergency and give instructions in the form of motion image manuals.

Multimedia function (See page 30.)

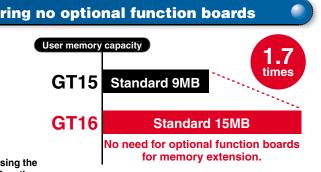
Featuring an analog touch panel

Layout flexibility to create desired pictures

Free to lay out objects such as touch switches, enabling creation of desired screens.

The clear display without grids makes it easy to recognize pictures and characters.





USB device (Mini-B)

Connecting the USB device (Mini-B) to a personal computer enables the transfer of perating systems and project data without opening the panel. The FA transparent function enables modification of sequence programs.



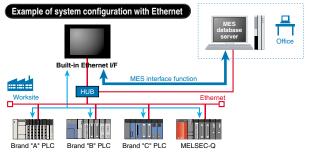
Equipped with front USB interface (See page 43.)

► FA transparent function (See page 43.)

Ethernet enables simultaneous monitoring of PLCs of different manufacturers

The built-in Ethernet interface enables connection to up to four kinds of PLCs of different manufacturers.

Multi-channel function (See page 29.)



The 15" type is also compatible with video/RGB

Even when displaying motion images from four video cameras in four respective windows simultaneously on the screen, the GT16 displays natural, smooth, and large motion images without skipping image cells.

For Video/RGB (See page 30.)



- desian
- Seven-segment display
- Overlap window extension (See page 26.)
- An assortment of fonts allows for more expression (See page 36.)
- GT Designer2 is easier to use. The GOT operation history is traceable
- ► Guideline, others (See page 39.)
 - Batch self check function (See page 45.)



MITSUBISHI GOTIOCO

Equipped with necessary and sufficient functions, the 5.7" type of the second-to-none cost performance **GOT** is here to debut!

GT1050

GT1050-QBBD STN monochrome 16 gray scales (white/blue)

Equipped with a white/blue monochrome liquid crystal display – a new feature of the GOT1000 series

Mixing Process Running



GT1055

High cost performance, 256-color model

GT1055-QSBD STN color (256 colors)



GT1020 GT1030

The white frame model - launched into market (Built to order)

* : See "GT10 model" (page 52) for details.

Equipped with 3-channel communication port The GT10 has all of its communication ports on the back (1)RS-232 (D-SUB 9-pin, male)

(2) RS-422 (D-SUB 9-pin, female) **3USB device (Mini-B)** As the GT10 is on many occasions for stand-alone applications, it has personal computer interfaces on its back. The GT105 has a USB, offering three-channel communication ports together with RS-422 and RS-233. The USB and RS-232 ports are compatible with the FA transparent function of Mitsubishi PLCs. * : Refer to "GOT1000 connection manual" for the details of compatible models and connections

OS pre-installed

Pre-installed OS reduces process time

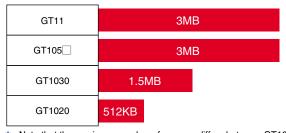
The GT10 has a basic operating system and communication driver (for FX) pre-installed as it is often used with FX series production equipment.

For connection to an FX PLC, simply enter the project data, and the GT10 is already up and running.

3MB memory of ample margin

■ Use the functions as you like without concern for memory constraint

The GT10 has 3MB memory, the same as for the higher model GT11. You can use a variety of objects, parts and functions without being bothered by the memory capacity.



* Note that the maximum number of screens differs between GT10 and GT11

An outstanding cost performance

Offers more functions at lower cost than conventional models

Developing ease of use unique to the GOT1000 and offering satisfactory functions at a 25 percent cost reduction.

Specification comparison between F940GOT and GT1055				
	F940GOT-SWD		GT1055-QSBD	
Memory	512KB		ЗМВ	
Communication port	2ch	Improved	3ch	
Baud rate	38.4Kbps	functions	115.2Kbps	
STN color	8 colors		256 colors	
Environment resistance	IP65f		IP67f	



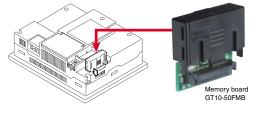


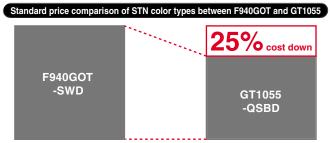
Easy updating with a memory board

An optional memory board is available

This enables to easily update the GOT without a personal computer. The feature is convenient where you cannot take your personal computer with you such as on a business trip or when servicing a customer in a remote area.

It also enables reading out of the current data to back it up before alteration.





* : For other functions, see "GT10 model" (page 52).

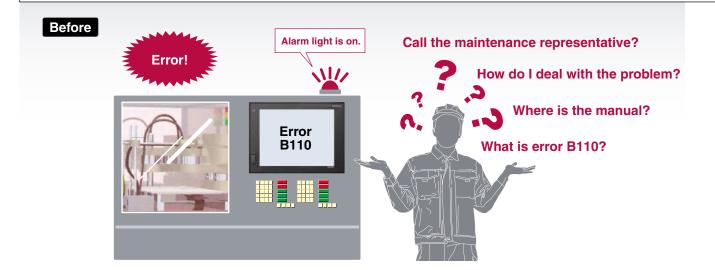
Solution

Ensuring safe operation, the GT16/GT15 offers better solutions for you.

CASE

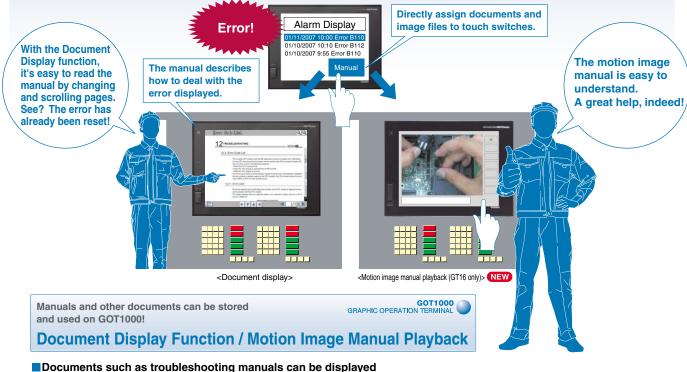
Don't panic when encountering unexpected errors

- Quick troubleshooting at the worksite



GOT Solution(1)

Install troubleshooting manuals on GOT1000, and let's get simple problems solved at a worksite.



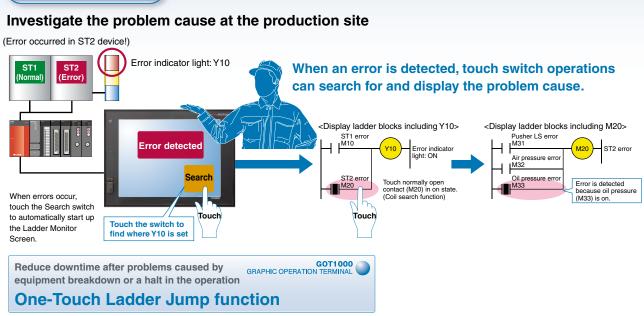
for quick reference to reduce downtime.

Particularly efficient in places where paper manuals or personal computers cannot be brought in. such as clean rooms. General-purpose documents (doc, xls, ppt, pdf, jpg, and bmp) and general-purpose file formats (3GP and MP4) are

supported, making it easy to create your own screens.

* : Motion image manual playback is for the GT16 only.

<See pages 30 and 45 for details of the functions.>

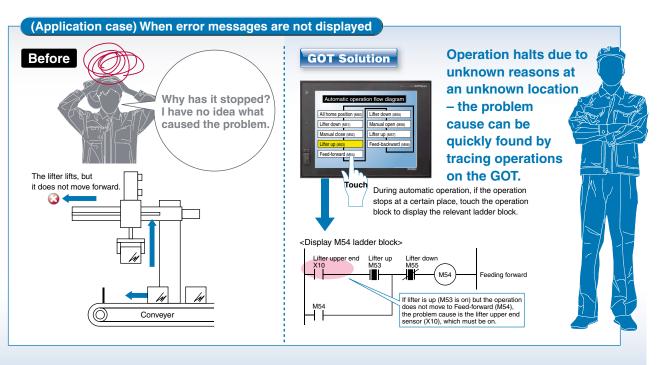


Just touch the operation flow diagram on the GOT, which will show you the root cause of the problem. There is no need to use personal computers or ladder programs. Using general purpose PLC error indication programs and detection programs makes developing new search

programs and screens unnecessary.

<For more details, see page 50 of this catalog.>

GOT Solution(2)

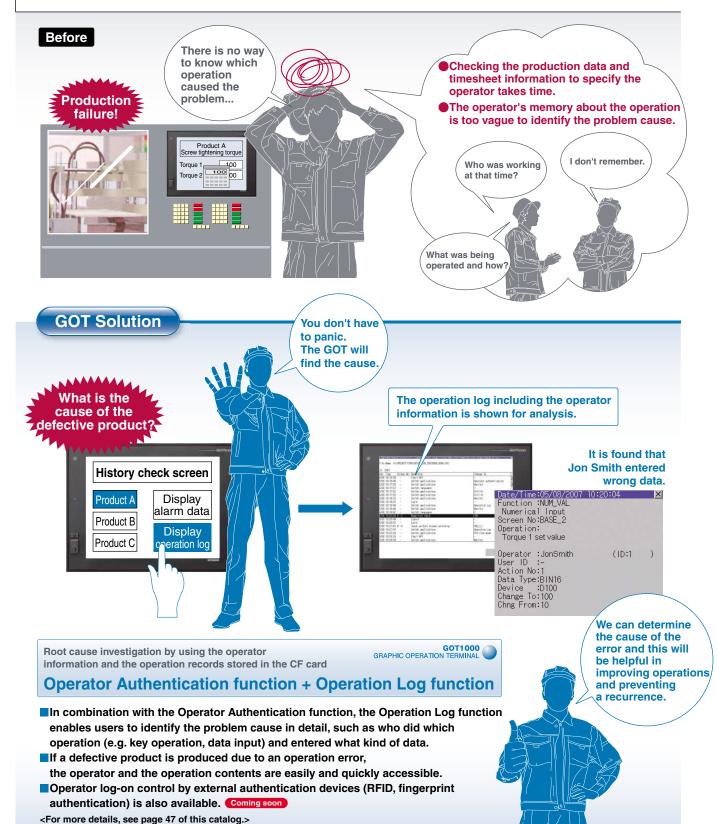






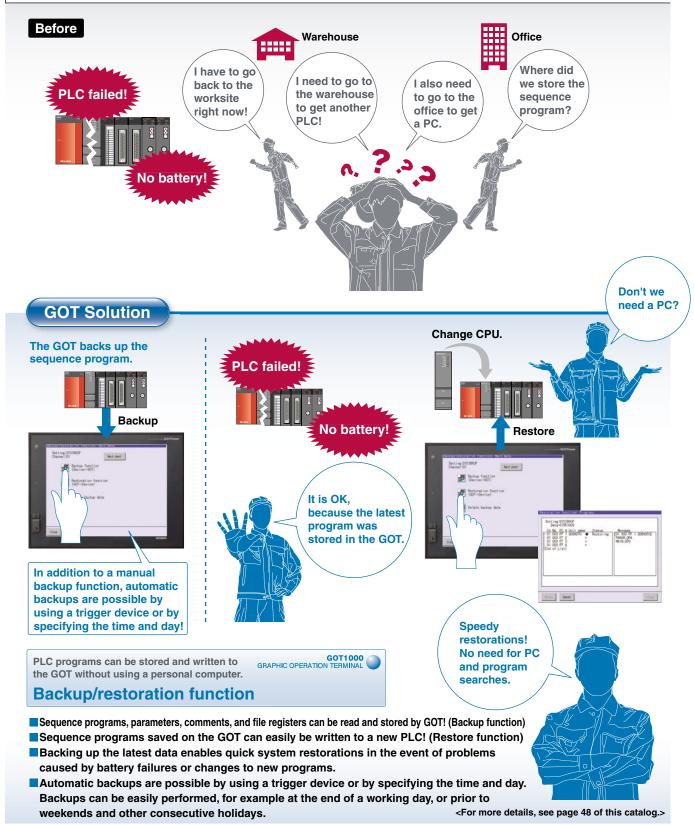
CASE

Quickly detect the cause of the problem to minimize production loss due to unexpected product failures



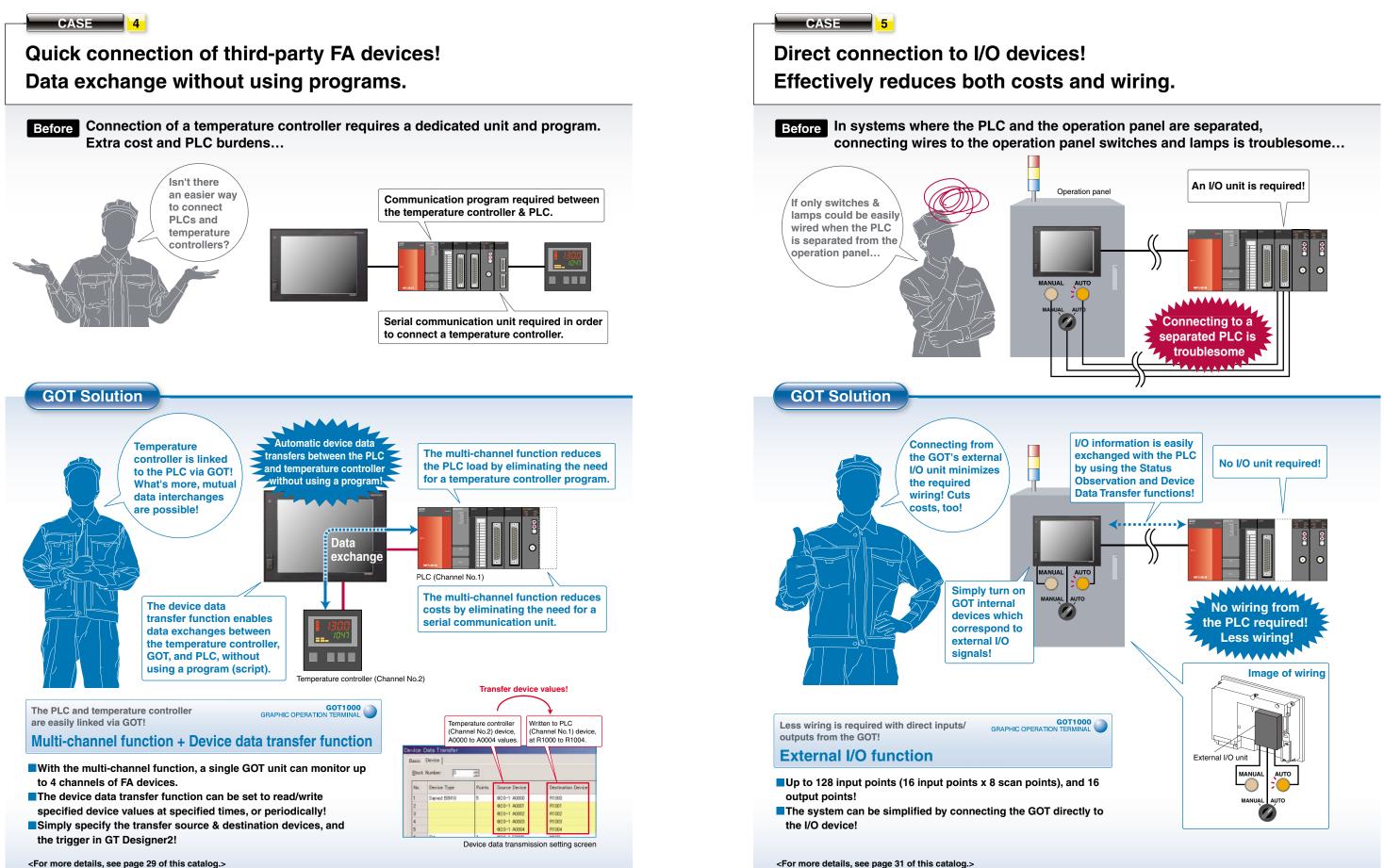
CASE

Backup your sequence programs on the GOT. Keep your system safe in case of a PLC failure.



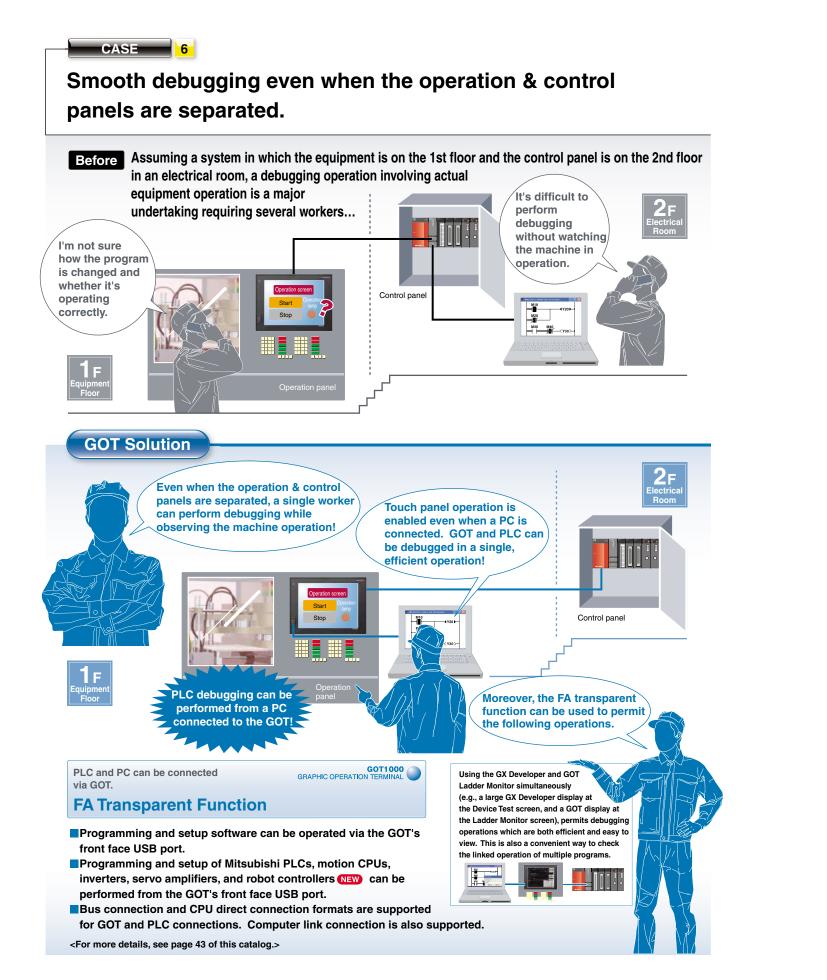


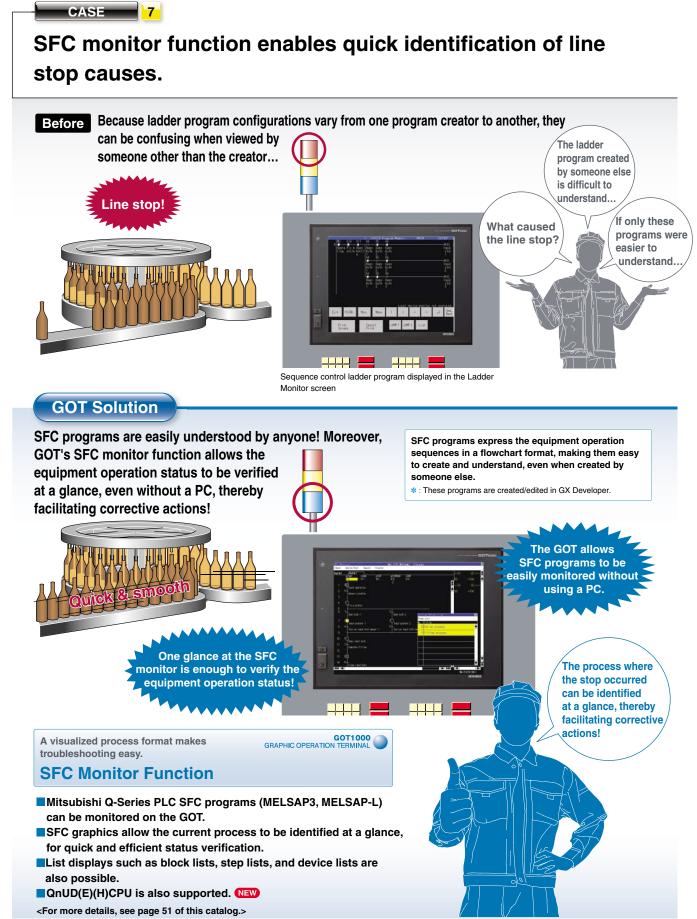








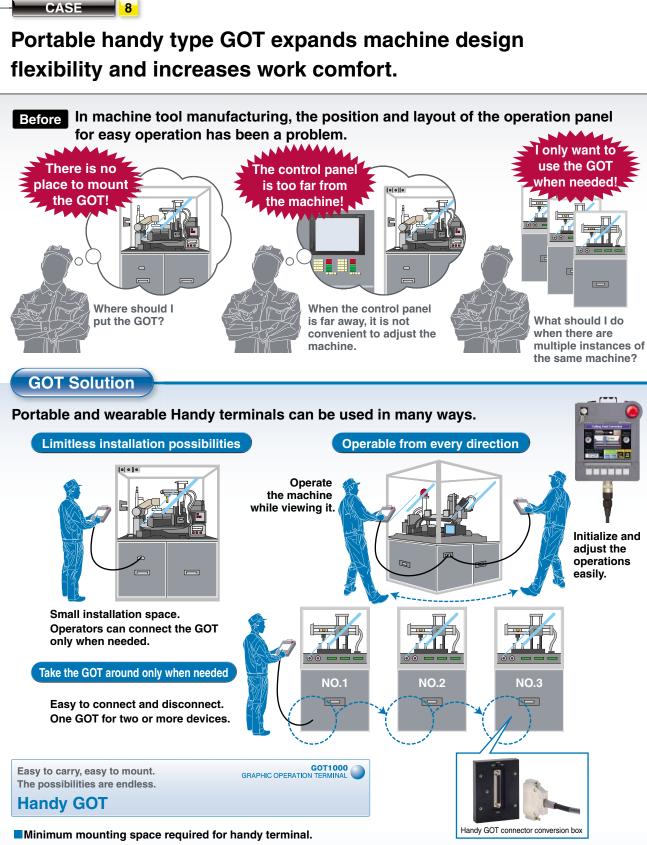






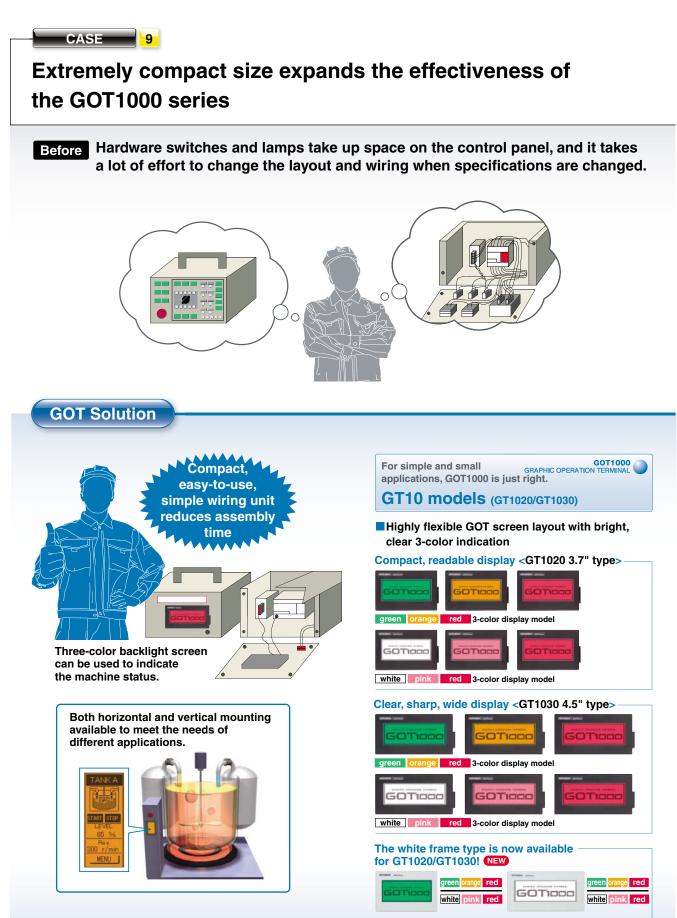


For a wide variety of applications, the GT11/GT10 fits all parts of the production line.



Possible to use a single GOT to operate multiple machines by connecting the GOT to the machines one by one. Easy to initialize and adjust machine tools. The portable handy GOT can be used from different positions around the machine.

<For more details of functions, see page 57 of this catalog.>





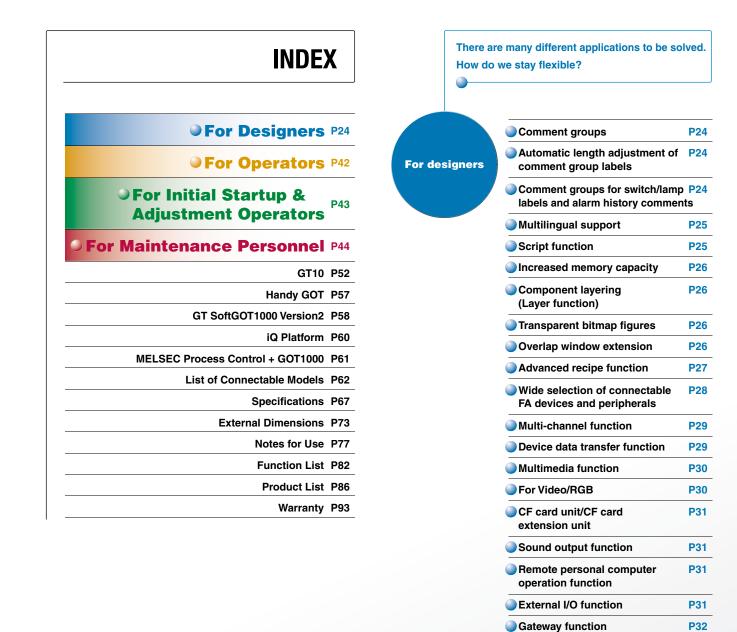




GOT1000 provides a variety of functions to satisfy user requirements

Usability depends on who the users are and where they carry out their tasks.

Designers want to use the most advanced HMI technology, while maintenance engineers want the safest HMI for their facilities. To satisfy all of our customers, we are constantly developing more and more functions for the GOT1000.



MES interface function

GT Designer2 Version2

GT Converter2 Version2

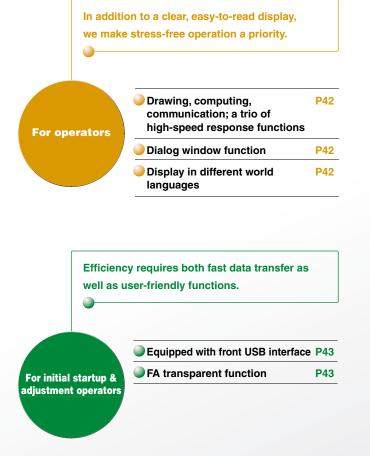
GT Simulator2 Version2

P33

P34

P38

P41







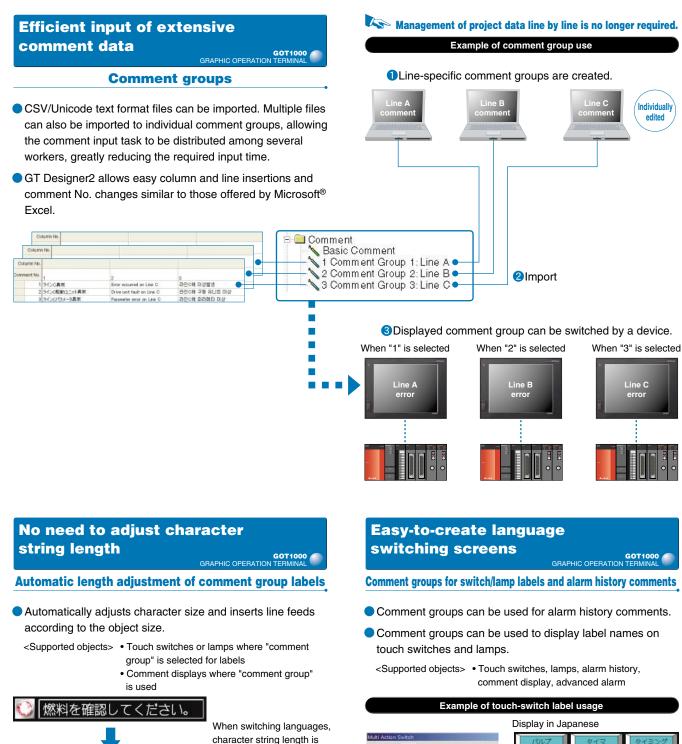
To restore a system as quickly as possible, response capabilities for "just in case" situations is the key to selecting a HMI display.



Advanced alarm	P44
Document display function	P45
Batch self check function	P45
Logging function	P46
Historical trend graph	P46
Operator authentication function	P47
Operation log function	P47
Backup/restoration function	P48
Color-coded front face LED	P48
Maintenance time notification function	P48
List editor for A/List editor for FX	P48
System monitor function	P49
Q series motion monitor function	P49
Intelligent unit monitor function	P49
Network monitor function	P49
Servo amplifier monitor function	P49
CNC monitor function / CNC data I/O function	P49
Ladder monitor function	P50
SFC monitor function	P51

The functions bearing these marks are available on the GT16/GT15 model only. All other functions are supported by GT16, GT15, GT11 models.

Greatly improved comment input, language selection and screen drawing efficiency



Text Type

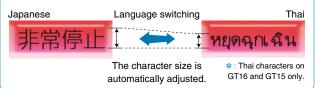
(Fixed

Easy creation of multilingual screens GRAPHIC OPERATION TERMINAL **Multilingual support**

- Different language comments can be created for each comment group column to switch the display language.
- Comment group comments can be created freely for applications, as well as for different languages.
- You can specify the column number of the comment group to change the language of the startup message on the GOT. NEW * : For details, see "Comment groups" (page 24).

Convenient for language switching

When stroke fonts are used with switching languages for touch switches, lamps or comment displays, the character size is automatically adjusted by the size of the object. There is no need to adjust the size of the object when creating a multi-language screen.

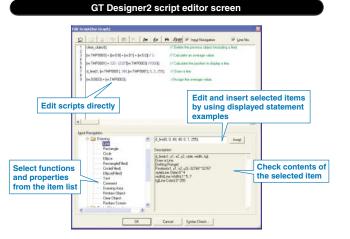


For better work efficiency and enhanced customization functions GOT1000

Script function

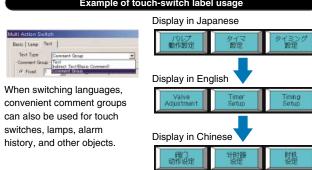
Project script/screen script

- Controlling GOT display by using GOT scripts can reduce the load on PLCs (PLC CPU, microcomputer, etc.) dramatically.
- Capable of executing a script file including multiple data formats, such as integers and real numbers, within one script. (Data format conversion function)
- Enables reading of device values from or writing values to a file freely with file operation functions (such as creating, deleting, opening, closing, reading and writing files).
- Input support function makes it easy to specify functions and properties, thereby preventing spelling errors and reducing the time to look up control statements



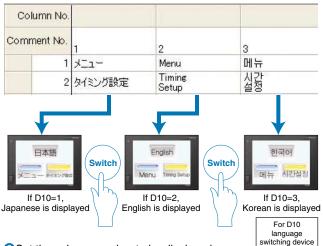


• Comment groups can be used for alarm history comments.



Users can quickly change the language display. Example of switching between Japanese, English, and Korean screens

Create Japanese, English, and Korean comments in their respective columns.



2 Set the column number to be displayed within the language switching device.

Other displayed comment (language) changes.

Object script (For GT16 and GT15 only)

- Drawing and display control functions can be specified for every object, allowing objects to be easily used in other projects.
- Scripts make screen display control highly flexible by changing properties (colors and display positions) and making the object design process flexible. <Patent pending>
- Capable of referring to the height and width of an object using the property (display attribute). This increases drawing control flexibility when using drawing functions. **NEW**



Draw a line to show the average according to monitor device values.

clear object();

[w:TMP0003] = ([w:D0] + [w:D1] + [w:D2]) / 3; [w:TMP0001] = 320 - (320*([w:TMP0003]/1000)); d_line(0, [w:TMP0001], 380,[w:TMP0001], 0, 3, 255); // Draw the line. [w:D0003] = [w:TMP0003]:

- // Delete the previous object (including the line).
- // Calculate the average value. // Calculate the position to display the line
- // Assign an average value

Improved usability provides designers with more

comfortable and flexible screen design options



Designing and using functions without memory capacity limitations GOT1000

Increased memory capacity

The GT16 has increased the user area (built-in flash memory: ROM) to 15MB as a standard feature, enabling operation of many optional functions at the same time.



* : For more details about the memory capacity, see "Notes for use" (page 78)

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 77)

Increased flexibility in designing screens

Component layering (Layer function)

Component (object, figures) layering increases the flexibility of design.

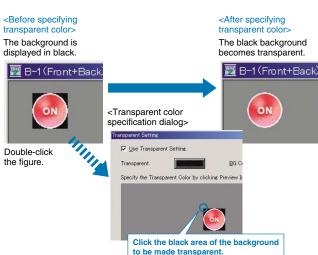


GOT1000 🥖

Improved expressiveness in screen design

Transparent bitmap figures

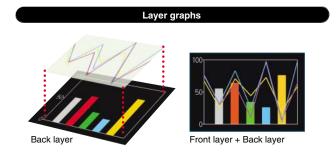
- Designers can specify a transparent color for bitmap data.
- Since the background of figures (not limited to rectangle) can be made transparent, the expressiveness of screen design is widely expanded.



- The GT16 has an operation memory (RAM) of 57MB as a standard feature. Up to 57MB is available for use without an optional function board. NEW
- When the total of project data, optional function operating systems and other data exceeds the user area (built-in flash memory capacity), the GT16 and GT15 store the project data in a CF card to extend the user area up to 57MB.

<gt15></gt15>		1
User area (Built-in flash memory: ROM)	Standard 9MB 넉	Extension with CF card
Operation memory: RAM	Standard 9MB	Extension with optional function board
<gt16></gt16>	Operate	es by writing data
User area (Built-in flash memory: ROM)	Standard 15MB	Extension with CF card
Operation memory: RAM	Standar	rd 57MB

The GT16 does not require an optional board.



16 Up to five windows appear on the screen. For designing screens flexibly and effectively GOT1000

Overlap window extension

- Displaying up to 5 overlapped windows on the screen at one time. (Up to 2 for models other than the GT16)
- More information appears simultaneously on the screen, improving flexibility in screen design.



With the window title bars masked, the windows fit in screen segments as shown in the example, greatly improving flexibility in screen design.



Simplify complicated production setup with the GOT



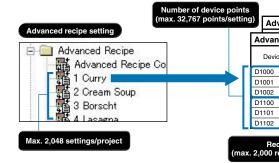
This function allows material combination data and processing conditions data (device values) to be held in the GOT, with only the required data being written to and read from the PLC.

Extensive number of recipe files, device points, and record points

• Greatly expanded capacity permits up to 2,048 recipe files and 32,767 device points.

Flexible recipe data can now be created.

- Flexible recipe data can be created by combining advanced recipe settings and records.
- Reading/writing is performed by specifying the recipe No. and record No., eliminating the need for a trigger device for each file. This reduces the number of devices, and permits trigger device concentration. *1
- * 1 : The "recipe No. saving device, "record No. saving device," and the "external control device" can be specified in the advanced recipe common settings in GT Designer2. (These settings are required when using Advanced Recipe) After values are saved to every device, reading and writing of the recipe data is enabled in accordance with the ON/OFF status of the external control device. (It is also possible to specify a trigger device for reading/writing each advanced recipe setting)
- Up to 2,048 blocks can be used, each block comprises of sequential word devices, an arbitrary word device (1 point), and a bit device (1 point).



Easy handling of recipe data using the GOT

- Recipes can be handled easily by the GOT's utility function without having to create a recipe operation screen.
- The utility function permits the following operations: folder create/delete, advanced recipe file copy/delete/rename, record write/read/consistency check.



• Up to 2,000 types of device values can be handled by a single advanced recipe setting file.

Because devices also permit bit and word combinations and arbitrary device settings, there is no need to centralize the sequential devices used, thereby reducing the total number of device points used.

• Advanced recipe files can be converted into CSV or Unicode format text files, and can be edited on a personal computer. *2

* 2 : The advanced recipe file has a binary format. It must therefore be converted to either a CSV file or a Unicode text file by using GT Designer2, the GOT utility, or an external control trigger device. After being converted, only the device values can be edited. When more than 251 records are included in an exported Advanced Recipe file (CSV or Unicode text format), use a text editor or Microsoft Excel 2007 to open the file

Num	ber of settinas
	48 settings/proje

	Advanced reci	pe setting 204	48				ocks cks/setting)
dva	inced recipe set	tting 2: Stew					
nce	ed recipe settin	g 1: Curry			1		
rices	B Device comments	Record 1 Beef curry	Record 2 Pork curry	Record 3 Chicken curry			
	Beef	300	0	0	П		
	Pork	0	300	0		-	1
	Chicken	0	0	300			
	Onion	400	500	600	٦		
	Potato	300	400	200	H۲		
	Carrot	200	250	150			
		L					
-	and a						

	never line of lines of Lines
	31
Execute Final Text Final Entering F	

Connecting with various types of FA equipment and peripherals to bring about flexible networking

Continuously expanding connectable devices and models

GOT1000

Wide selection of connectable FA devices and peripherals

PLCs

- A wide array of device models / types are now connectable.
- Mitsubishi MELSEC FX series: FX3G PLCs made by LS Industrial Systems.
- Mitsubishi MELSEC-Q series: Compatible with QCPU having built-in Ethernet port (QnUDE(H)CPU).
- The GT16 series models are equipped with an Ethernet interface as a standard feature. When connecting to QCPU with built-in Ethernet port (QnUDE(H)CPU), neither the PLC nor the GOT requires an Ethernet unit. This makes system configuration simple and easy.
- Mitsubishi MELSEC process control: Compatible with medium-size process CPUs (Q02PHCPU and Q06PHCPU).

Microcomputers

Supported protocol

- Mitsubishi Q/QnA/A computer link unit (8 types)
- GOT-A900 series compatible (2 types)
- GOT-F900 series compatible (2 types)
- Digital Electronics (Proface) memory link format (3 types)

Temperature controllers

- Connectable models and types are expanded. NEW
- Shinko Technos: PCD-300 series RKC Instrument: CB series Shinko Technos: Connection through BS-485 with ACS-13A/DCL-33A/ JC/JCM-33A/PC-900/JIR-301-M series
- Data logging, parameter setting, and alarm display for temperature controllers are possible.

Mitsubishi CNCs

- When the C70 CNC is connected, the CNC data I/O function can be used to copy and delete work programs and parameters, etc.
- * : For CNC data I/O function details, see "CNC monitor function / CNC data I/O function" (page 49)

Mitsubishi servo amplifiers

- MR-J3- T and MR-J2S- CP point tables can be edited. Positioning information is easily edited by connecting a GOT to the servo amplifier.
- Users can create parameter settings, alarm displays, and test operation screens. There is no need to create screens to use the servo amplifier monitor function.
- * : For more details on the servo amplifier monitor function, see "Servo amplifier monitor function" (page 49).

Mitsubishi inverters

• Up to 10 inverters can be connected in multi-drop connection with capabilities of parameter setting and alarm display.

Mitsubishi industrial robots

- Connection to robot controllers is now possible.
- CRnQ-700 series
 CRnD-700 series

Other peripheral devices

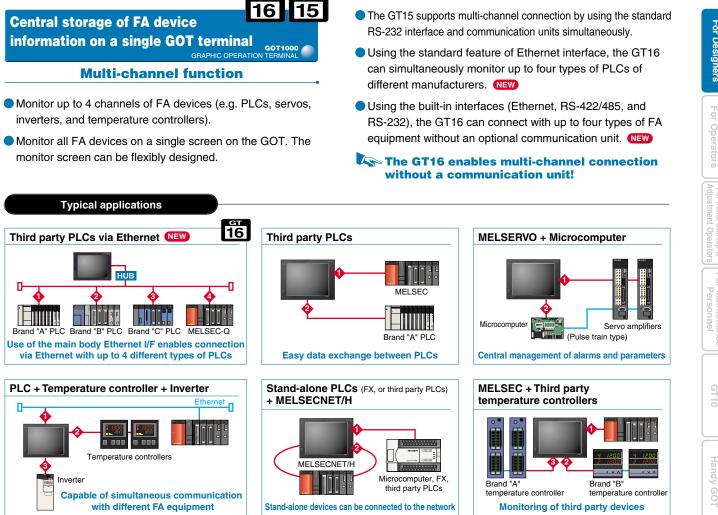
- External devices (operation panels, switches, lamps, and relays)
- Video cameras
 Displays (RGB output) Speakers
- Personal computers (RGB input)
- The latest PictBridge printers can be connected with a USB cable.
- Print GOT screens (Hardcopy function) and output
- production results (Report function) when an error occurs. PictBridge
- Two-dimensional code readers and barcode readers

RFID reader

*: Connectable models and usable functions vary depending on the GOT main unit. For more details, see "List of connectable models" (page 62), "Notes for use" (page 77) and "Function list" (page 82).



- Monitor all FA devices on a single screen on the GOT. The



- *: For the Ethernet connection of the GT16, if the GT16 is connected to equipment compatible with 10BASE(-T/2/5), use a switching hub for its operation in a network environment where both 10Mbps and 100Mbps systems are operab
- *: The number of channels and functions, which can be used with the multi-channel function, vary depending on the connection configuration. For more details, see "Notes for use" (page 77).
- An optional device may be necessary For details, see "Selection of optional units and devices" (page 77).

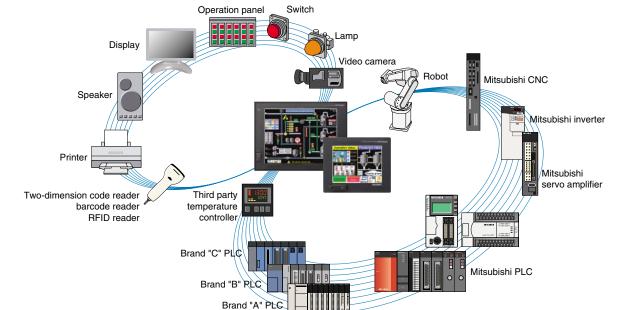
Greater control flexibility for system applications



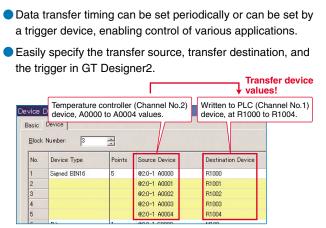
Device data transfer function

Device values from FA devices connected to GOT can easily be transmitted to GOT's internal device. Also, the multi-channel function can be used for easy mutual data transfer between multiple FA equipment.





For designers



Device data transmission setting screen

Flexible motion images further expand GOT's possibility.

16

Smooth, high-quality motion images helps efficiently investigate the cause of a problem GOT1000

Multimedia function

<Recording video images>

- \bigcirc VGA (640 \times 480) and QVGA (320 \times 240) are available for selection of image recording.
- The recording frame rate is maximum 30fps for QVGA and maximum 15fps for VGA, enabling to record smooth, natural motion images.
- Saves recorded motion image files on the multimedia CF card. By using the gateway function (FTP) and the multimedia data link tool, files can be transmitted to the server personal computer.
- * : The GOT main body needs a CF card to transmit motion image files to a personal computer

Images are recorded and played back on the dedicated multimedia screen, reducing the time spent designing screens.



<Recording pre/post event motion images>

Capable of recording motion images for 120 seconds each before and after an error occurrence (with the event trigger device turned on), up to 240 seconds in total. The motion images tell you all about the conditions before and after the error occurrence. Saves a motion image file of

up to 240 seconds.

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 77)

The multimedia data link tool is a multimedia-dedicated software program coming with GT Works2 / GT Designer2.

ат ат 16 15

GOT1000

colors provide precise detail

High-quality images with 65,536

For Video/RGB

Enhanced compatibility with cameras and inspection devices <Video input>

- Input images from up to four video cameras and inspection devices are simultaneously and precisely displayed on four windows in 65,536 colors. Images can be saved in JPEG format.
- Since a video window can be placed anywhere on the screen the screen flexibility is improved.
- A simple one-touch operation allows users to switch the display size. (100%, 50%, 25%)



<Playing back motion image files>

The GOT or a personal computer can play back motion image files. recorded at a worksite. Checking the motion images before and after an error enables to detect the cause of a problem guickly.



Being compatible with the generalpurpose formats, the GOT plays back motion images edited on a personal computer, which is a convenient function to create documents such as an instruction manual with motion images.



<Applicable software programs> QuickTime 7 Pro <Compatible file formats> • 3GP and MP4

Very general-purpose because of the capability of handling motion image data created by a commercially available software program.



* Only one of the following devices can be used at a time: multimedia unit, video input unit RGB input unit, video/RGB input unit or RGB output unit

Displays PC images on GOT <RGB input>

- PC images of either XGA (1024 × 768 dots), SVGA (800 \times 600 dots) or VGA (640 \times 480 dots) can be displayed at the same time as the GOT monitor screen. (XGA is for the GT1695M only.)
- Up to two channels can be used when handling RGB input. One GOT unit can conveniently switch between two personal computers or between the images on a personal computer and a vision sensor. (Only when using the GT16 M-R2.) NEW

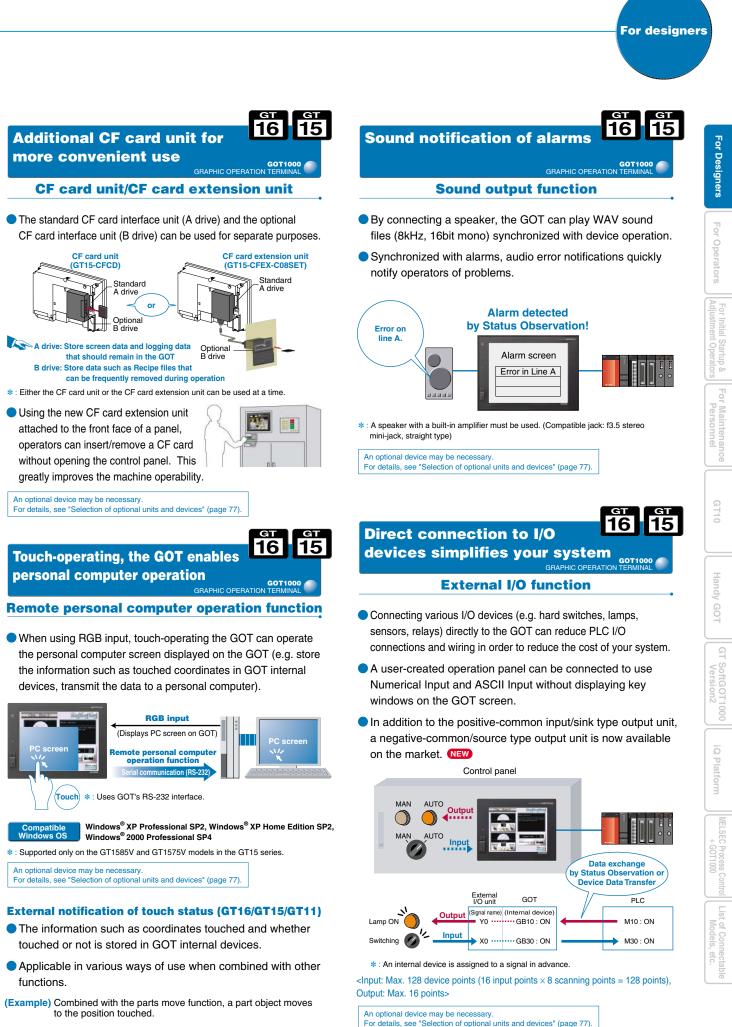
An optional device may be necessary. For details, see "Selection of optional units and devices" (page 77).

Display the GOT screen on a display <RGB output>

Connect to a commercial display so that the GOT screen can be displayed larger.

An optional device may be necessary For details, see "Selection of optional units and devices" (page 77).

- *: Only the GT1585V and GT1575V for the GT15 series. Only one of the following devices can be used at a time; video input unit, RGB input unit, video/RGB input unit, or BGB output unit
- Conly one of the following devices can be used on the GT16 at a time; video input unit RGB input unit, video/RGB input unit, RGB output unit, or multimedia unit.



An optional device may be necessary For details, see "Selection of optional units and devices" (page 77).

Transfers operation data in production lines in real time to host information systems. Sophisticated information link improves productivity.

ат 16 15

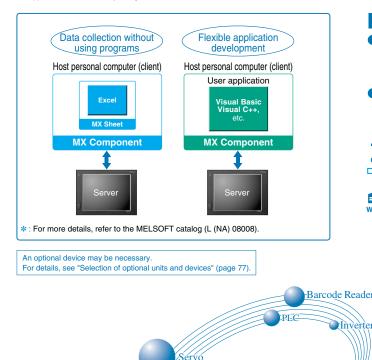
Be alerted to worksite errors and collect device data from an office desk GOT1000

Gateway function

The gateway function remotely monitors the worksite and supports remote maintenance from the office.

1 Collect data on a personal computer (server function)

- A GOT (server) can be monitored from the host personal computer (MX Component) to perform indirect reading/writing of connected devices being monitored by the GOT.
- Even when monitoring third party devices, the server function can be used to perform reading/writing with the MX Component alone.
- * : The collected data can be displayed and analyzed by Excel without using any programs other than MX sheet. Programming Visual C++ and Visual Basic enables applications to be flexibly designed and built.



MELSEC

GOTIDOO

120

2 Monitor other GOTs from a GOT (client function)

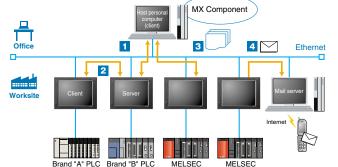
- A GOT (client) indirectly reads/writes device values of equipment monitored by the GOT (server).
- The client function can also be used to indirectly read/write device values of PLC CPUs other than the one to which the GOT (client) is connected.
- Communication is possible between a GOT1000 and a GOT-A900.

3 Direct check/edit of data in CF card (FTP server function)

- Files in the CF card within the GOT (e.g. alarms, recipes, and hard copies) can be directly read and written from a personal computer
- No need to visit all factories to collect CF cards from all GOTs when there are multiple GOTs or when a GOT is located far away from the personal computer.

4 Mail send function

- The alarm history display function can transmit alarm occurrences and recovery information by e-mail to personal computers and mobile phones.
- Error information can be checked from locations far away from the worksite.



ogging

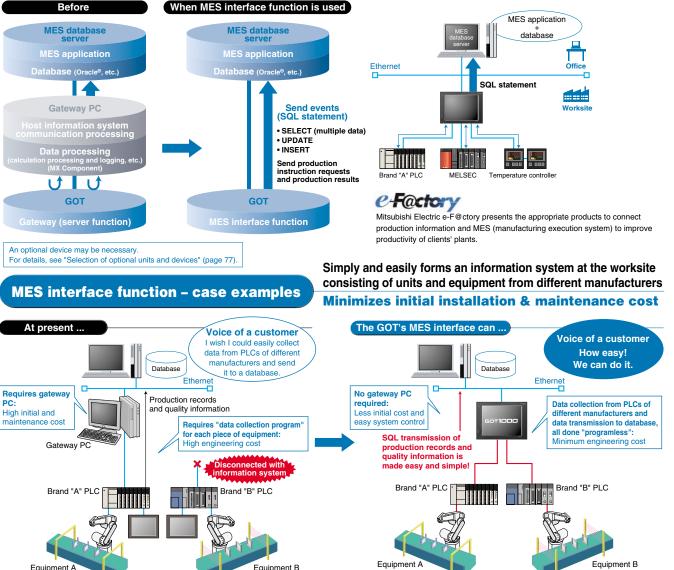


MES interface function

GOT1000

The GOT transmits data from connected FA devices to the server personal computer database via SQL statements.

- For communication with the database, just specify the necessary data in GT Designer2 without programming. There is no need to use a gateway personal computer and complicated programs to communicate with the MES database server.
- If an error occurs during communication with the database, buffering of the transmission data (SQL statement) and recording of an error log are possible. Important data can be protected, and errors can be analyzed.
- When trigger conditions are met, the actions (data calculation and transmission) are stored in the buffer. The GOT can securely execute actions without any omission even if data sending is concentrated temporarily and actions cannot be executed immediately.



• When trigger conditions are met, you can write the resource data of advanced alarms, logging, and operation logs in a database. A vast quantity of data is efficiently controllable with the database

MES interface function

- DB link function (tag function / trigger buffering function / trigger monitor function / SQL statement transmission function <SELECT / SELECT multiple data / UPDATE / INSERT> / calculation processing function / program execution function / DB buffering function)
- SNTP time synchronization function
- Resource data transmission function
 Diagnosis function
- DB server function (ODBC connection function / connection setting function / log output function)

Usable databases*

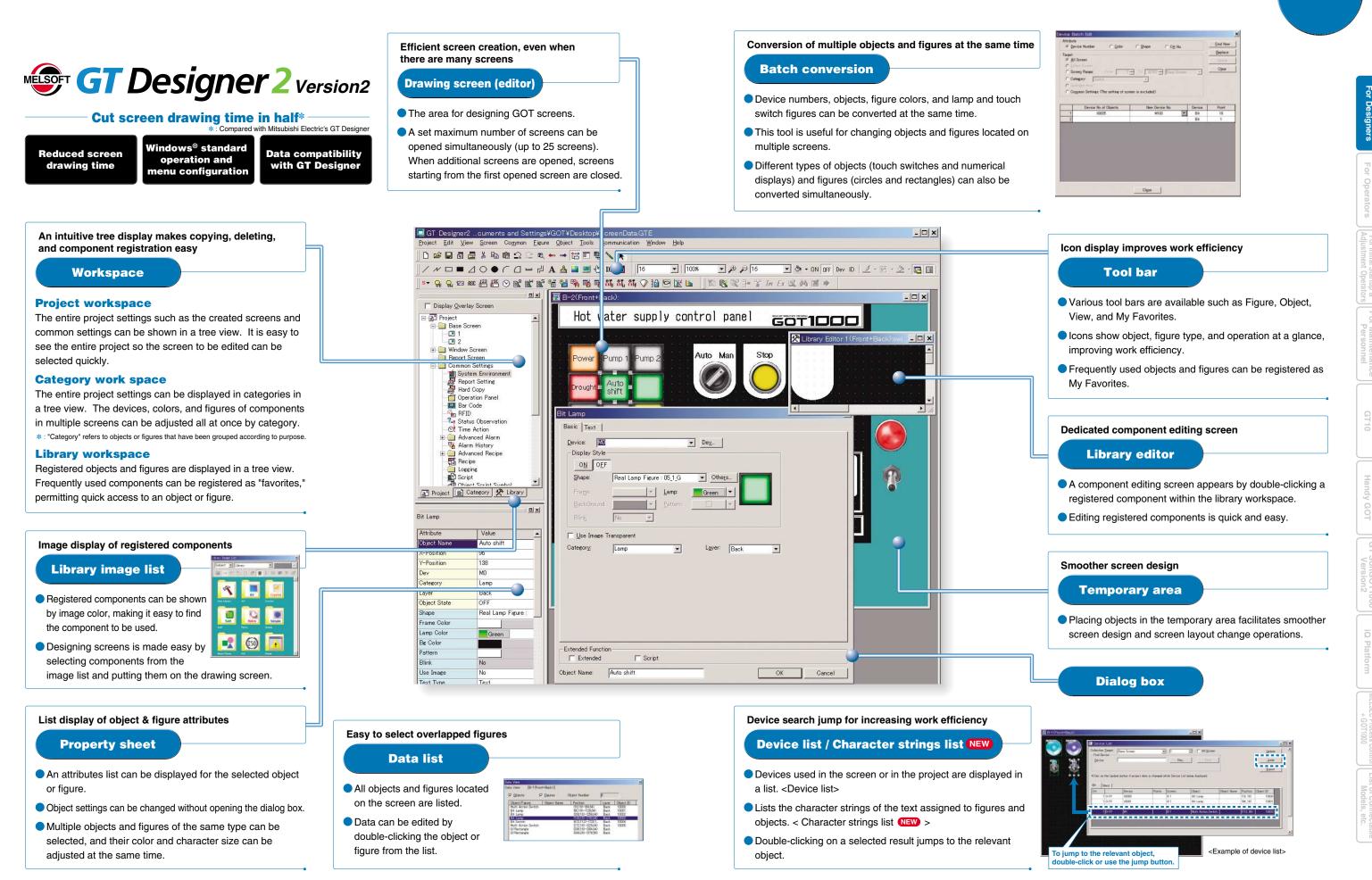
- Oracle[®] 8i/9i/10g
 Microsoft[®] Access 2000/2003/2007
- Microsoft[®] SQL Server 2000/2005
- Microsoft[®] SQL Server 2000 Desktop Engine (MSDE2000)
- Wonderware[®] Historian 9.0

*: Compatible only with 32-bit versions.

-<MES (Manufacturing Execution System)>

A manufacturing execution system (MES) is a system which controls and manages the production processes at a worksite in order to optimize quality, productivity, delivery date, and cost

A screen design software with many user-oriented functions, making custom screen creation easy







The latest developments and functions of GT Designer2

GT Designer 2 Version2

Crystal clear display,

easy-to-create screens

High-quality parts library

- User library can be easily imported.
- A variety of styles and designs are available for touch switches and lamps, easily permitting customized designs.
- All users can easily design sophisticated screens by using high-quality parts.



GOT1000

Elegant characters in any font and size

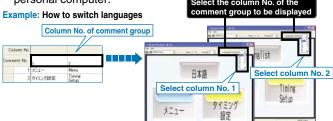
An assortment of fonts allows for more expression

- The Unicode2.1 compatible standard font, high-quality font, and TrueType font display sharp and attractive characters in all languages.
- The TrueType number fonts enable seven-segment display. NEW
- When using a Windows[®] font, the font style (italic, underline, italic underline) can also be specified.
- Since the curve of stroke fonts are clear even if it is enlarged or reduced, the font size can be incrementally adjusted. Japanese, Thai and Chinese (Simplified and Traditional) are available
- * : The stroke fonts are for the GT16 and GT15 only.

Easy confirmation of screen display GRAPHIC OPERATION TERMINAL

Screen preview

Language switching, security level change and on/off image switching of objects can be checked with GT Designer2 on a personal computer.



A variety of colors and an easy-to-use library GOT1000 Library color selection function

• Library images can be displayed by color. The new sort method helps users quickly look for the image to be used.



Selecting screens from a thumbnail list improves your work efficiency

Screen image list

Screen image list displays all base screens and window screens, and allows users to copy or delete screens and change the screen numbers. Double-click on a thumbnail image to edit the screen.





Display of the actual GOT screen	GOT1000

Window preview

- The screen design software can display window screens (key windows, overlapping windows, superimposed windows) just as they would appear on
- the GOT, allowing them to be previewed.
- The key pad can be displayed just as it would appear on the GOT, allowing its position, size, appearance, etc., to be checked.



Convenient when converting different screen size data

Automatic size adjustment of direct input characters

GOT1000

When changing the object size, directly entered characters are automatically adjusted according to the object size. <Supported objects> • Touch switches, lamps



Efficient screen creation when changing the screen size or GOT1000 resolution GRAPHIC OPER Automatic object size change

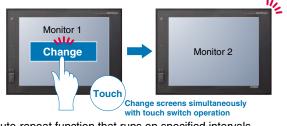
All figures and objects can be resized according to the GOT Type to be converted. This function makes the adjustment of screen sizes a lot easier.



* : The multiple data enlargement/reduction function is convenient for making fine adjustments to the size of objects following a screen size change.

Enhanced functionality including F900 compatible functions (ex. Synchronized screen change) GRAPHIC O GOT1000 **Complete conversion of GOT-F900 series data**

Changing screens is now synchronized with touch switch operations, increasing comfort of operation.



Auto-repeat function that runs on specified intervals.

Stroke font

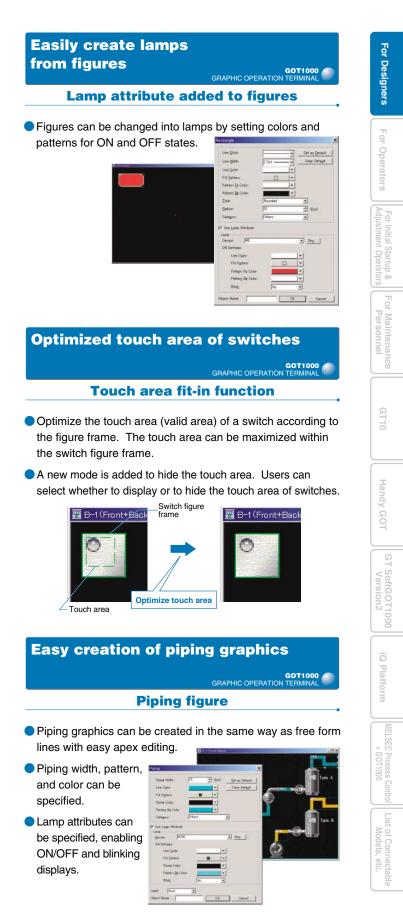
GOT1000

36



7-segment font





Flexible screen design and data use functions provide smooth and comfortable operation

GOT1000

GOT1000

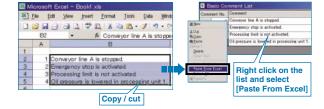
GT Designer 2 Version2

Easy comment registration using Microsoft[®] Excel

Comment registration

GOT1000

- The comments selected on Excel can be copied/cut and pasted into the comment list.
- Comments selected on the comment list can also be copied/cut and pasted into an Excel sheet.



User-friendly setting procedure puts even beginners at ease GOT1000

Wizard function

- When creating a new project, the GOT type, the number of colors, communication configuration, and other settings can be interactively set in order.
- All the required settings on GOT can be smoothly set by using the Wizard function.



GOT1000

Make the most out of existing **GOT** projects

Backward compatibility

- GOT900→GOT1000 compatibility Simply changing the GOT type with the GT Designer2 enables the project data for the GOT900 to be used with GOT1000.
- GOT800→GOT1000 compatibility GOT800 project data can be converted into data for the GOT1000 with GT Converter2.



* : Backward compatibility does not extend to certain data and functions.

Higher efficiency by using familiar software

Improved import/export function

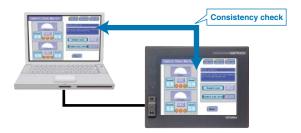
- Device data, range settings, device values, and comments, which have been created in a CSV/Unicode text file format, can easily be imported/exported to/from GT Designer2.
- This function is useful to import a large amount of data such as logging, advanced recipes, recipes, and comments.

Read created data into the GT Designer2 (Import)	A B C Device Entrance Structure
Save contents of settings of	S DOO PORTUGUES AND
the GT Designer2 to CSV/Unicode text files (Export)	

Better project data maintenance efficiency

Project data consistency check function

- Consistency checks between the GOT's project data and the personal computer project data can be performed.
- This allows project data inconsistencies to be identified, thereby reducing unnecessary uploads and downloads.



Easy project data conversion GT Converter2 Version2

- This software converts project data created with older screen design software to the data for GT Designer2 (GOT1000 or GOT-A900). (Included with GT Works2 and GT Designer2)
- Supported screen design software
- GOT800 series screen design software (SW3NIW-A8GOTP)
- ProFace drawing software (GP-PRO/PB II series)

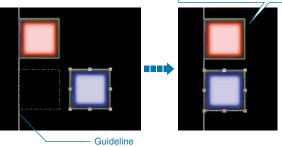


* : Backward compatibility does not extend to certain data and functions.



Simply lay out the graphics and objects along the guidelines, and you can align and position them easily and neatly.

Laid out neatly and easily





- Listing devices used in a script and batch conversion of device numbers are available, increasing editing efficiency.
- Reading out other project data that corresponds to the script, improving data sharing



<Example of batch device conversion in script>

Efficient, as you can edit comments on the spot GOT1000

Editing comments on dialog screen

- Enables editing comments of the basic comment and comment groups directly from the attribute dialog box of touch switches, lamps, and comments.
- Quickly editing comments on the spot greatly improves work efficiency.







Define the width/height of objects and figures numerically

• Use the toolbars and property sheets to define the X and Y coordinates, width and height of objects and figures. You can easily fine-tune the sizes dot by dot, which is otherwise difficult with a mouse.

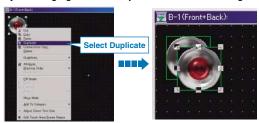


to create objects

Duplication of object

• "Duplicate NEW" and "Consecutive copy" are added to the context menu that is prompted by right click on the editor screen.

"Duplicate" is a function to copy and paste at the same time, quickly creating figures and objects of the same configuration.

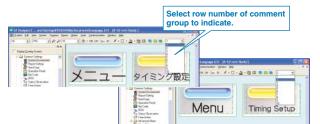


You can conveniently switch columns of a comment group during editing

Indication of switching languages on editor

• When using the function to switch languages, you can switch the column numbers of comment groups on the editor to check the indication.

• Check the size and the layout of objects easily while creating a screen.



GOT1000 🥖

Convenient software programs are available to support designers

GT Designer 2 Version2

Fast and simple data transfer tool considerably improves work efficiency GOT1000

Data transfer tool

The data transfer tool, dedicated for project data upload/ download, is included with GT Works2 and GT Designer2.

- Even in environments without screen design software, the data transfer tool can be used to download/upload GOT project data, and to upload resource data (e.g. alarm log files).
- Even at worksites without screen design software, or when a sudden problem occurs, data can easily be downloaded/ uploaded by operators without special training, thereby minimizing the need for dispatching software designers to the worksite.



A simple operation to create clear, sharp document images GOT1000

Document converter

The document converter, converting files for use with the document display function, is included with GT Works2 and GT Designer2.

- When converting documents, the image guality of the documents (brightness, contrast, sharpness) can be adjusted.
- The document converter software creates clear and sharp document images.

* : For more details, see "Document display function" (page 45).

* : To use the document converter, Ghost Script GPL8.15 or later is needed. For more details, refer to the GT Designer2 Version 2 Screen Design Manual.

• Uploaded resource data binary files (advanced recipe files, data log files, and operation log files only) can be converted into CSV/Unicode text files. Advanced recipe files in the CSV/ Unicode format can also be converted into binary files. NEW

For designers

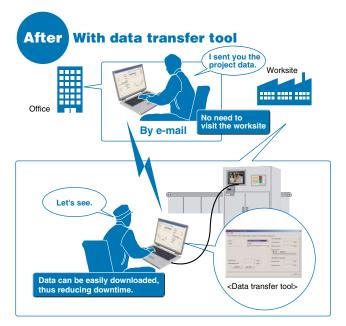
Compatible with a data transfer interface function. A user-created application program can download and upload the GOT series project data. NEW

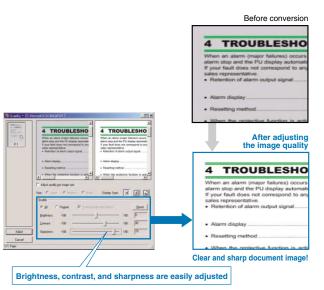
Supported GOT model GOT1000, GOT-A900, GOT-F900, GOT800

Supported data Project data. resource data*(GOT1000 only)

* : Advanced alarm log files (advanced alarm), alarm log files (alarm history), advanced recipe files (advanced recipe), recipe files (recipe), data log files (logging), operation log files, image files (hard copy), and screen switching information file

ported Windows OS Windows Vista®, Windows® XP, Windows® 2000



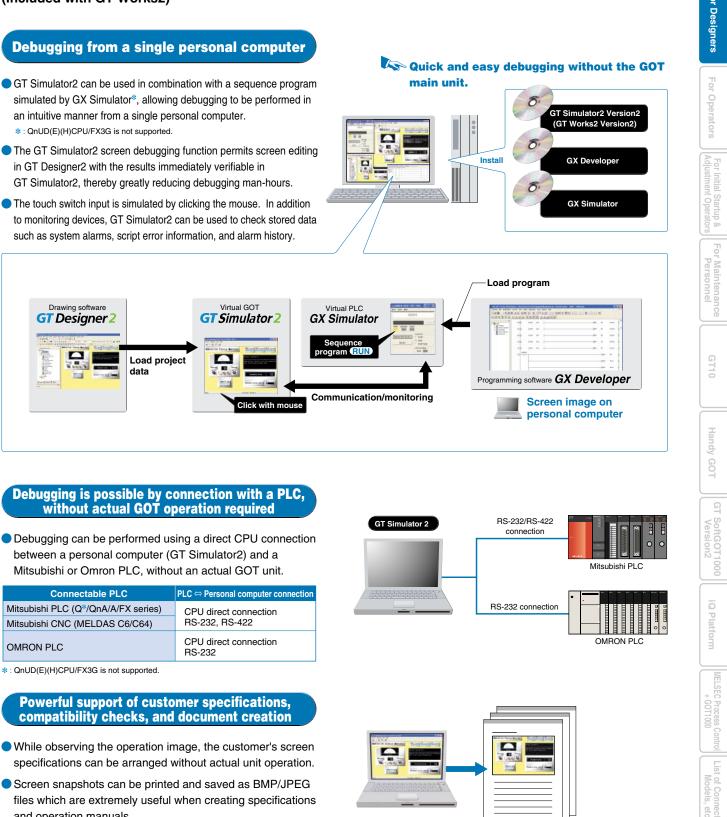


Time-saving debugging and simulation software

GT Simulator 2 Version2

GT Simulator2 helps designers debug projects by simulating GOT operations on a personal computer. (Included with GT Works2)

- GT Simulator2 can be used in combination with a sequence program simulated by GX Simulator*, allowing debugging to be performed in an intuitive manner from a single personal computer.
- The GT Simulator2 screen debugging function permits screen editing in GT Designer2 with the results immediately verifiable in GT Simulator2, thereby greatly reducing debugging man-hours.
- The touch switch input is simulated by clicking the mouse. In addition to monitoring devices, GT Simulator2 can be used to check stored data such as system alarms, script error information, and alarm history.



between a personal computer (GT Simulator2) and a Mitsubishi or Omron PLC, without an actual GOT unit.

Connectable PLC	PLC ⇔ Personal computer connection	
Mitsubishi PLC (Q*/QnA/A/FX series)	CPU direct connection	
Mitsubishi CNC (MELDAS C6/C64)	RS-232, RS-422	
OMRON PLC	CPU direct connection RS-232	

- While observing the operation image, the customer's screen specifications can be arranged without actual unit operation.
- files which are extremely useful when creating specifications and operation manuals.

For designers

Quick response and useful standard functions

provide users with comfortable operation



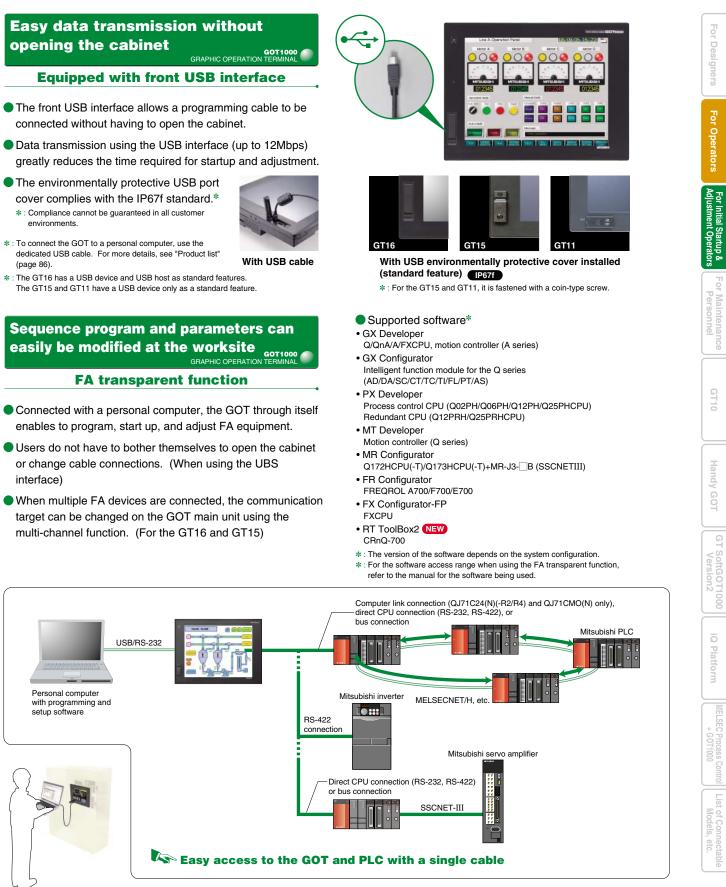
To minimize production time, the GOT provides the user with worksite-required functions

- connected without having to open the cabinet.
- cover complies with the IP67f standard.* * : Compliance cannot be guaranteed in all customer environments



- dedicated USB cable. For more details, see "Product list" (page 86)
- * : The GT16 has a USB device and USB host as standard features.

- enables to program, start up, and adjust FA equipment.
- or change cable connections. (When using the UBS interface)
- When multiple FA devices are connected, the communication target can be changed on the GOT main unit using the multi-channel function. (For the GT16 and GT15)



Dramatically improved GOT

total response

Drawing, computing, communication; a trio of high-speed response functions

The GOT1000 series offers faster response in drawing, computing and communication, reducing monitoring and operation stress.

High-speed drawing

- Sharp and quick drawing of complex, layered component screens, and detailed photographic data in 65.536 colors.
- The GT16 further speeds up the drawing operation. NEW

High-speed computing

• Ultra-high performance processing power to satisfy the most complex and demanding of applications.

High-speed communication

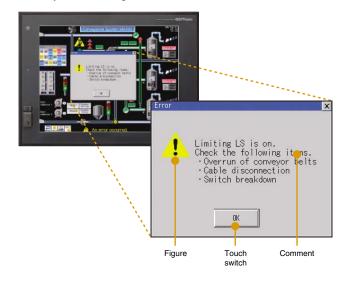
- Greatly improved response performance.
- GT16, GT15, and GT11 offer high-speed communication through the bus connection.
- High-speed communication is possible for connections with both Mitsubishi and third party PLCs.

* : For connectable PLC models, see "List of connectable models" (page 62).

Customized dialog windows showing custom messages to operators GOT1000

Dialog window function

- Instead of using system dialogs (e.g. input error at numerical input), users can customize dialogs to display help on user operations or troubleshooting messages when alarms occur.
- With templates such as icons and an OK button, users can easily create dialogs with the wizard function.



Easy switching between different languages to globalize your production site

Display in different world languages

- The Unicode2.1 compatible standard font, high-quality font, and TrueType font display sharp and attractive characters in all languages.
- The language displayed on the GOT main unit utility screen can be set to Japanese, English, Chinese (Simplified/ Traditional*), Korean (Hangul), or German.
- * : Traditional Chinese can be displayed only on the GT16 and GT15.



GT16/GT15 response performance comparison [Using MELSEC Q series] As of August 2008 GT15 GT16 Bus connection CPU direc Computer link MELSECNET/H CC-Link Ver.2 CC-Link IE controller Etherne connectic FX direc CONNECTION FX3UC-32MT

High Response performance

The monitor screen includes about 250 points of word devices

For initial startup & stment operator

Error detection and recovery through the GOT's Alarm Function with advanced features



- Alarm observation is possible for up to 32,767 devices with a maximum of 255 alarm observation setting groups.
- Three types of alarm displays can be specified for a single alarm observation setting.
- Up to 32,767 alarms can be saved in the alarm history.
- Batch display of large amounts of alarm information in largescale systems, and unit-specific classification for easy management.

2 Rapid detection and corrective action for a wide array of alarms

Four-step alarm notification

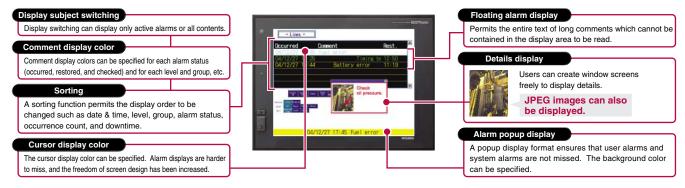
- Alarm occurrence conditions can be divided into 4 steps and conveyed to the operator in an easy-to-understand, step-by-step format.
- The four-step display makes it easy to take in and sort out alarm conditions (information such as where, what, and how). This enables efficient troubleshooting when multiple problems occur.
- The contents of the 4 steps shown above can be freely defined to suit the application in question, with switching between the step displays performed by the step switching device or by touch-screen operation.

Group-specific & level-specific displays

- Alarms can be classified by group and level, with only the specified alarms being displayed.
- This makes it easy to identify the locations and types of alarms even when many alarms have occurred, and permits higher priority alarms to be handled first, resulting in a speedy system recovery.

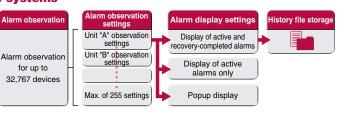
3 Easy-to-understand display

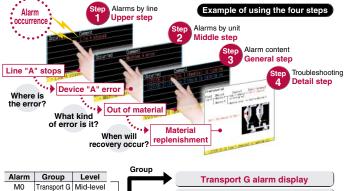
- The use of colors and popups produce easily recognizable alarm displays.
- Ensuring that alarms are not overlooked and that the alarm contents are understood, results in a speedy system recovery.

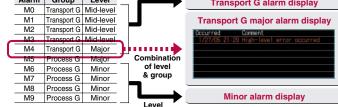


4 Improved system alarms

- The PLC/GOT/Network monitoring subject can be specified in advance, with only those specified alarms being displayed.
- It can be set so that only the active alarms are displayed. Alarm history display and history file storage are also possible.

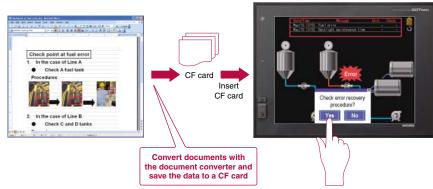








- When a system error occurs, referring to recovery methods in check lists and/or manuals on the GOT can reduce downtime.
- Even if there is no personal computer at the worksite, operation guidance and work instructions can be displayed on the GOT.



Usplay of documents and manuals on the GOT can reduce downtime.

For details, see "Selection of optional units and	devices" (page 77).
	NEW 16
Of great help when t senses a problem	
	GRAPHIC OPERATION TERMINAL

Batch self check function

- Enables to easily check the GOT operation history on a utility screen, helping you to locate the cause of the problem.
- Even if not set up in advance by the GT Designer2, the utility screen shows the data for the user to check. It is useful in an emergency.

<Typical items available for check>

An optional device may be necessary

- · History of switching screens and system alarms • Time of starting and ending communications between the GOT and
- connected devices
- History of using download, upload, and FA transparent functions · List of types and versions of the operating systems installed
- List of model names of the GOT and units installed

- Alarm occurrence conditions can be displayed in time-series graph form.
- Alarm occurrence counts can be displayed in bar-graph form.

5 Support in identifying alarm causes (utility function)

• A graphical statistics display facilitates efficient analysis of error causes.





- Pages can be changed, scrolled through, enlarged or reduced, and multi-page documents can be displayed.
- Document converter* is used to format documents to be displayed and save them to CF cards as JPEG files. * : For more details, see "Document converter" (page 40).
- Documents created by applications such as Microsoft[®] Word
- can be used, reducing the man-hours for screen design. • Supported file formats: doc, xls, ppt, pdf, jpg, bmp
- The brightness and contrast of difficult to read documents can be adjusted when the documents are converted with the document converter to facilitate better viewing on the GOT.





Document is displayed on the GOT

Dit of owe 2 both bit of de 20 projets of bit of bit of the 20 projets 20 Prever in the service of the 20 projets 00(202000 1100) Danklein even on the 20 projets 000(20200 1100) Danklein even on the 20 projets 000(20200 1100) Danklein even of the 20 projets 000(20200 110) Danklein even of the 10 bit 000(20200 110) Died of de the owe Monitor the 00(20200 110) 00 de the owe bit on the 00(20200 110) Died of de the owe bit on the 00(20200 110) 00(20200 110) Projets data bat owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(20200 110) 00(20200 110) Died the owe bit on the 00(2020 110) 00(2020 110) Died the owe bit on the 00(20200 110) 00(2020 110)				GOT
•••••••••••••••••••••••••••••••••	Self shed Setchine If check 2018	THE INTERNET.		
•••••••••••••••••••••••••••••••••	Initial power on time Canalative power on time GET start time	201200 second(s) 05/12/2000 80.001 1400 second(s)		
Backlight power on addition time. U bourfu) Diparkay power on addition time. U bourfu) Touchievy press counct. 2D time(c)	BostDD startum completion time 00 startum completion time	09/12/2008 30/53 09/12/2008 11:35		
	Backlight power on addition to Display power on addition the Touch key areas count	0 tourfs) 30 tilee(s)		
			Restance Status 1	8

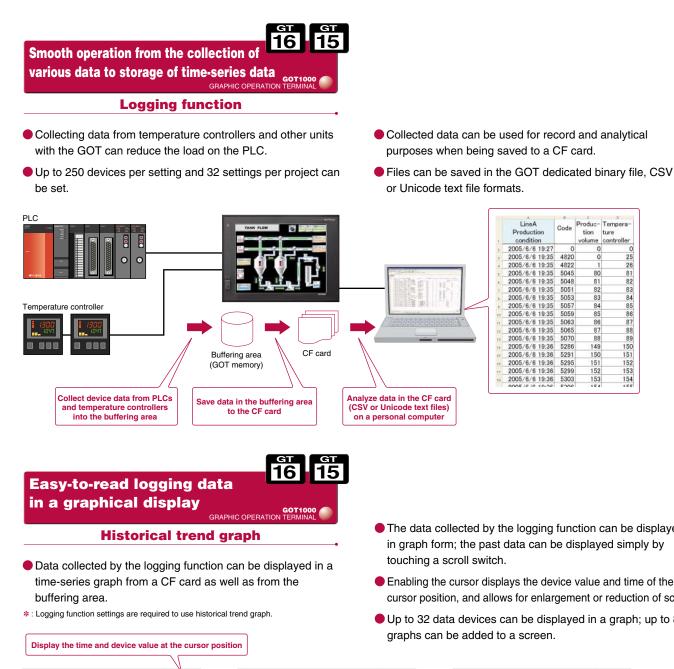
Screen showing system alarm history

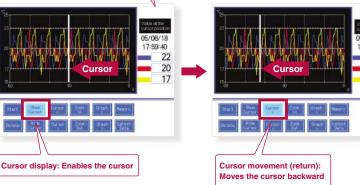


GT10
Handy GOT
GT SoftGOT1000 Version2
iQ Platform
MELSEC Process Control + GOT1000
List of Connectable Models, etc.

For Maintena Personnel

GOT provides complete traceability for safe and secure operation





The data collected by the logging function can be displayed in graph form; the past data can be displayed simply by

Produc- Tempera-tion ture

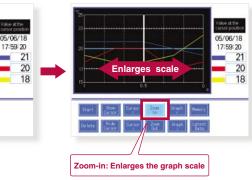
149 150

151

153

Code

- Enabling the cursor displays the device value and time of the cursor position, and allows for enlargement or reduction of scale.
- Up to 32 data devices can be displayed in a graph; up to 8 graphs can be added to a screen.





Operator authentication function

• When starting up the GOT or switching screens, a login screen appears to authenticate the operator name and password. The display and operation screen depends on the operator logged-in so that security is strengthened.

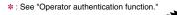


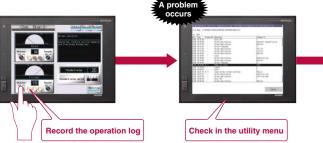
Setting the level (authority) of operation and display for each operator can strengthen security and prevent operation errors.

GT GT 16 15 Helpful for identification and analysis of problem causes GOT1000

Operation log function

- Operations performed by operators on the GOT can be recorded with respect to time.
- When problems occur (e.g. a system error), users can confirm when and how the operations were performed by referring to the operation log, using it to specify and analyze the cause of the error.
- Moreover, using the operator authentication function enables to check "who" has operated the system.



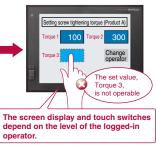


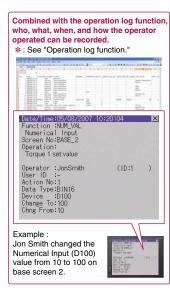
Refer to the operation log file, and investigate the problem cause.

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 77).



- If there is no operation for a certain period of time after logging-in, the login screen appears again, and the password must be re-entered to start operation. This prevents unauthorized operation.
- It is possible to add operators and change passwords in the GOT main unit utility screen.





• Users can specify which operations to save in the log by changing the device value and GOT operation state. <Specifiable operations>

Touch switch operation, numerical input operation, security level change, screen change, etc.

• The operation log is saved in the CF card, and the data can be edited and analyzed on a personal computer. In addition, the data can also be displayed on the utility screen of the GOT main unit.

	and the local division of the local division	iosofi Lace						
	2 5	1 28 3		et P	and lo	ols Data W	ndow 1960	
	1 1 10	H A	31/4	4-1-	7 25 1	1. 1. 1.	(10-0-19.1-11)	130.45 44
	54			5				
	100 100	A	8	1000	ć	D		1
	T OF	ELOG	~	_		~		
		G NUM		36				
and a state of the	3							
Later and the second second second	4 NC				CAN NO	ACT ABBR	ACTION	OPNAME
linebile or a contraction	5		92007.1			Stat	Stat GOT	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6		3/2007 1			AppChnp	Switch applications	
Simplify at 1 112	7		3/2007 1			AppChng	Switch applications	
1000 Sec. 8 1 7 1 1	H		8/2007 1				Switch languages	
Hard Car Level 1 17 h 1	9		9/2007 1			AppChris	Switch applications	
1000000 (PC 1) K	10		3/2007 1			AppChng	Switch applications	
and the second s	11		3/2007 1			AppChng	Switch applications	
	12		8/2007 1			Login	Lagin	
and a state of the	13		9/2007 1			AppChitg	Switch applications	
Contraction of the second second	14		9/2007 1			AgipChrig	Switch applications	
	15		3/2007-1			Displang	Switch languages	A
1	16				JASE 2		Numerical Input	Target value
	17		9/2007-1			Lagout	Lagout	
	10		9/2007-1			Login	Logan	
//	19				IASE_1		Touch switch: Screen switching	
	20		2007 1				Switch applications	
	21		9/2007 1				Switch applications Start GOT	
Edit and analyze	22		9/2007 1			Stat		
			9/2007 1			AppChitg	Switch applications	
n a personal computer	24		s/2007 1 s/2007 1			Displ.ang	Switch languages	
. a percentar sompator	25		9/2007 1			Laget	Login Switch applications	

47

L.S.

For Maintenan Personnel

GT10

GT

SoftGOT1000

õ

Functions designed to support maintenance work significantly reduces downtime!

_{ет} 15 16

Back up important sequence programs to be safe and secure in case of an emergency GOT1000

Backup/restoration function

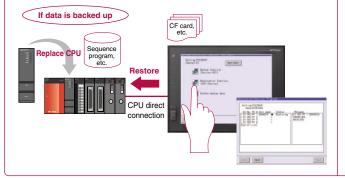
< Objective data> Programs, parameters, device comments, device initial value data, file registers, etc.

Objective model> MELSEC Q-Series (excluding Q12PRH/Q25PRHCPU), Q-Series motion controllers (SV13/SV22 only), CNC C70 <Usable connection type> Bus connection, CPU direct connection, computer

link connection, Ethernet connection (host only)

Example of use

Make a data backup in preparation for the PLC or the CPU failure or a dead battery to guickly replace the faulty device and restore the system using the backup in such a case.

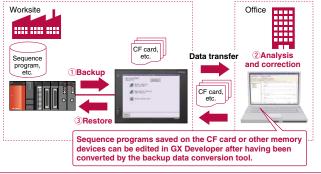


- The sequence program and parameter data of the PLC CPU and motion controller can be backed up to the CF card in the GOT.
- Automatic backups are possible by using a trigger device, or by specifying the time and day.
- Users can perform batch operation to restore the data to the PLC CPU or motion controller.

The backup data conversion tool is shipped with GT Works2 / GT Designer2.

Example of use⁽²⁾

When a problem occurs, or when the PLC CPU program is updated, the sequence program data can be transferred, analyzed, and corrected without requiring an experienced engineer, increasing time and cost efficiency.



PLC CPU programs can be easily changed without a personal computer at the worksite or any previous **GX Developer knowledge.**

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 77).

and connection type

Easy-to recognize backlight state

GOT1000

Color-coded front face LED

The color of the LED on the front of the GOT unit indicates whether the backlight is OFF or has expired.

[Power LED: Color-coded message]

Green ON	When normal power is being applied	Orange/green blinking	When backlight life has expired
Orange ON	When in screen-save mode	OFF	When power is not being supplied

ат ат 16 15

GOT1000

maintenance

For planned commodity

Maintenance time notification function

• The backlight ON time is automatically monitored, and the operator is notified when maintenance is required. This facilitates scheduled maintenance and prevents system malfunctions

<Subject to be monitored> Backlight, display area, touch keys, and built-in flash memory Warning! Backlight needs replacement soon An optional device may be necessary For details, see "Selection of optional units and devices" (page 77).

Convenient method for minor program changes onsite

* : When replacing the PLC CPU, the restoration function may not be available depending on the system configuration

List editor for A/List editor for FX

- MELSEC-A series, FX series PLC sequence programs can be edited in a list format (instruction word).
- Permits minor program changes onsite, even without peripheral devices.
- With the ladder monitor function used together, the GT16 and GT15 can edit sequence programs while viewing the ladder data.



PLC device monitoring/changes

GRAPHIC OPERATION TERMINAL

System monitor function

- Mitsubishi PLC CPU devices can be monitored and changed. *: Only monitoring, but not changing device values and other operations, is available with the QSCPU
- Monitoring can be performed by selecting the device to be monitored, or by specifying the initial device.
- The current values and setting values of the timer (T) and counter (C) can be changed.
- The buffer memory (BM) of a special function unit can be monitored and changed.
- The display format (decimal/ hexadecimal) and the device comment display status (on/ off) can be switched.



ат ат 16 15

GOT1000

Easy adjustment of **Q** series motion controller

Q series motion monitor function

Up to 3 Q-type motion controllers can be used on a single base, with monitoring and parameter settings possible.

<Objective models>

- Q172D/Q173DCPU • Q172(N)/Q173(N)CPU
- Q172H/Q173HCPU
- * : Supported only if the Q series motion controller CPU has SV13/SV22 OS version. Moreover, available function of the Q series motion monitor vary according to the CPU type



Easy-to-understand display of buffer memory values and I/O information

ат ат 16 15 GOT1000

Intelligent unit monitor function

- Buffer memory values of intelligent function units and the ON/OFF status of I/O units can be monitored and changed.
- When a QCPU (Q mode) or



a QSCPU is in use, CPU operating status and existing errors can be monitored by PLC diagnosis

ат ат 16 15 At-a-glance monitoring of **MELSECNET** network status GOT1000

Network monitor function

- Enables to monitor the network line conditions of the CC-Link IE, MELSECNET/H, MELSECNET/10, and MELSECNET I on the dedicated screen.
- Communication line and information from the host and other stations can be monitored to check the communication status.

ат ат 16 15 **Easy startup and adjustment** of a servo amplifier

Servo amplifier monitor function

- In a system which outputs pulse strings, the GOT can be connected to a servo amplifier in a serial connection to perform the following operations: setting up, monitoring, alarm display, diagnosis, parameter setting, and test operations.
- When multiple servo amplifiers are connected, monitor screens can be easily switched on a GOT by specifying station numbers.
- * : Available monitoring functions vary according to the servo amplifier type



Save space and cost when no dedicated display device is required GOT1000

CNC monitor function

Connecting to a CNC (C70, C6/C64) enables functions such as position display and alarm diagnosis, and allows tool offset parameters to be set

CNC data I/O function

This function can be used to copy and delete CNC C70 work programs, parameters, etc.

CNC monitor function / CNC data I/O function

An optional device may be necessary.

For details, see "Selection of optional units and devices" (page 77).

* : Supported by the XGA/SVGA models



r Maintenance Personnel

Extensive FA device compatibility reduces your maintenance work

ат ат 16 15

140 14

#7 mini 社 白

GOT Ladder Monitor Function is greatly improved with the One-Touch Ladder Jump function

GOT1000

Ladder monitor function

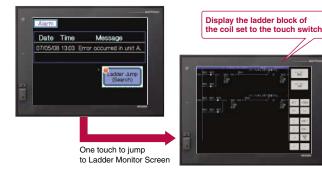
MELSEC Q/QS/QnA/A/FX series PLC sequence programs can be monitored in a circuit diagram (ladder format).

Wide monitoring range

Not only the PLCs connected to the GOT, but also PLCs of other stations, multiple CPUs, multiple programs in the CPU, and local devices (Q series only) can be monitored.

One-Touch Ladder Jump function (Q/QnA series) -

By setting a program name and coil number of the PLC to a touch switch, the relative ladder circuit block can be displayed directly.

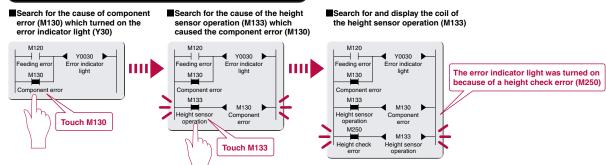


For the touch switch, users can set the PLC station No., CPU No., program name, and coil No. The touch switch will then display the corresponding ladder blocks within the multiple programs that are contained in the PLCs connected to the GOT, other station PLCs, and multiple CPUs. Local devices can be monitored for the Q series PLC.

Other useful functions

- Device values and timer (T)/counter (C) set values can be changed while viewing the change points on the Ladder Monitor.
- When a problem occurs, the alarm history can be displayed and a back-tracking ladder search can be performed to find the contact which triggered the alarm. < Defect search>

Example of defect search (when error indicator light [Y30] is on)



Since the cause of operation halts and interlocks can be checked, unexpected problems can be detected auickly.



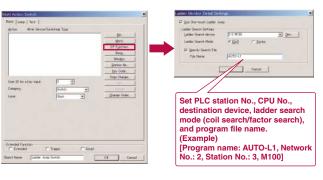
: Supported by the XGA/SVGA/VGA models : The QS series models can only monitor the data through the Q/QnA circuit. It cannot alter the device values, for instance FX3GCPU is not supported

Device comments are stored in the GOT CF card (Q/QnA series) -----

- Since the comment data of sequence programs can be stored in the GOT CF card to be displayed in the Ladder Monitor screen, the PLC memory used is greatly reduced.
- Device comments in the sequence programs written in Korean (Hangul) characters can also be displayed.

How to use the One-Touch Ladder Jump function —

• Select [SP Function]-[Ladder Monitor] from the touch switch property dialog.



Simply touching the Ladder Monitor screen executes the coil search and contact point search. (Q/QnA series) Tracing from contact to coil, the cause of the problem can be easily found. <Touch search>

ат ат 16 15 Monitor SFC programs on the GOT to make troubleshooting even easier

SFC monitor function

MELSEC Q series PLC SFC programs (MELSAP3, MELSAP-L) can be monitored in a graphical format.

Easy monitoring of the program's progress

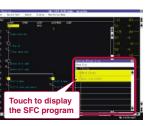
- SFC charts can be displayed from user-created screens or the utility menu. In user-created screens, setting program names and block numbers to touch switches makes it possible to jump to the relevant SFC programs, simply by touching the switches.
- Active steps are highlighted, and SFC programs can automatically be scrolled along with the progress of running programs, allowing guick and easy monitoring of the program status.



An array of displays permits the program's overall status to be seen at a glance

The overall status of a program is easily analyzed by using various lists, even when the program has numerous blocks and steps.





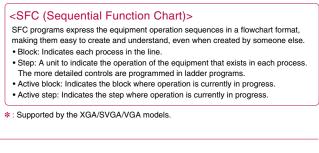
Active block list

Shows the statuses of all blocks (start, transition, stop, stop mode, continuous)

A desired active block can be immediately selected and displayed even when there are numerous blocks

Easy device tests

- Device tests can be performed from the SFC program or the block list. It is convenient to execute active steps as a test.
- An optional device may be necessary For details, see "Selection of optional units and devices" (page 77)



- By simply touching a block tab or a block startup step, the screen display can be switched between the source and destination blocks in the SFC program. A new block appears in sequential tabs from the left, making it easy to return instantly to the jump source block.
- Touch a SFC chart or a zoom window to specify a device in order to display other sequence programs that use the specified device (by using the Ladder Monitor function).



Shows the statuses (active/inactive) of all the steps in the displayed block.



Active step list

A step from the list can be selected and appear on the screen even if that particular step is not on the screen

Save program comments to a CF card in the GOT -

- Programs can be read from the PLC CPU and saved on the CF card, eliminating the need for re-reading from the PLC CPU even after switching off the GOT power.
- Comments in sequence programs can be saved to the GOT CF card and displayed on the SFC monitor. This can save a significant amount of PLC CPU memory.





The GT10 enhances its specifications for a better selection

GT10 MODEL



*1 : When the F940GOT is replaced with the GT1050/GT1055 or when the F930GOT is replaced with the GT1030

320 dots

Same panel

dimensions

153^{±1}

Unit[,] mm

cutting

GT1050/GT1055

F940GOT > GT1050/GT1055

F940GOT►GT1050/GT1055

[III

57

1

56

Same connection direction for

the communication connector

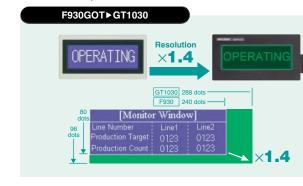
• The GT1050/GT1055 has the same panel mounting dimensions as the F940GOT.

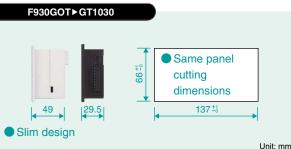
GT1030

• QVGA 320 × 240 dots in each model

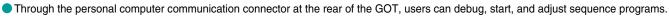
21 10

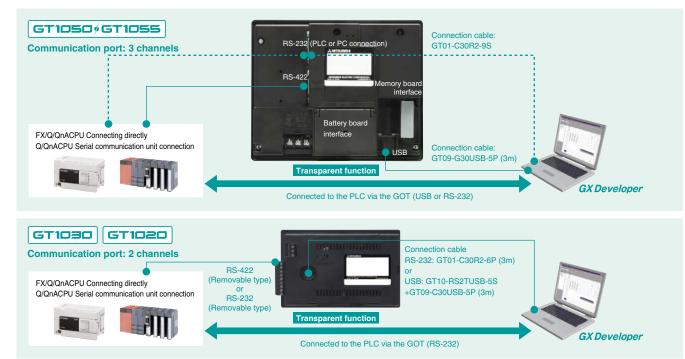
The GT1030 has the same panel mounting dimensions as the F930GOT yet with improved resolution*2. *2 : 1.44 times compared with the F930GOT





Transparent function connecting the PLC via the GOT





Multi-terminal connection*3

- Up to two GT10 units can be connected to one PLC unit even if the screen sizes differ. Thus enabling greater flexibility with terminal positioning.
- *3 : The transparent function is not available when multiple units are connected. The USB interface is not available for connection of two units.

GT1050/GT1055

When RS-422 is used to connect the 1st unit*4



When RS-232 is used to connect the 1st unit*4



- *4 : Refer to the connection manual for applicable models, required interface and compatibility with serial communication units (computer link units). The maximum length varies depending on the connected equipment. Refer to the connection manual for details
- *5 : A functional extension board or an adapter is necessary.

GT1030 GT1020





Versatile mounting

Both horizontal and vertical mounting is available to the GT10 Series causing minimal impact on application design.



Power supply & communication

GT1020

The 5V DC type GOT draws power through the FX programming port communication cable. Additional power supply is not required.



or Designers
For Operators
For Initial Startup & Adjustment Operators
For Maintenance Personnel
GT10
Handy GOT
GT SoftGOT1000 Version2
iQ Platform
MELSEC Process Control + GOT1000
List of Connectable Models, etc.

П

Common software functionality

GT10 MODEL

Alternative start-up screen

 Alternative bitmap images can be displayed when the GOT starts. Images may include photos, company logos etc. (The logo label "GOT1000" can also be removed.)



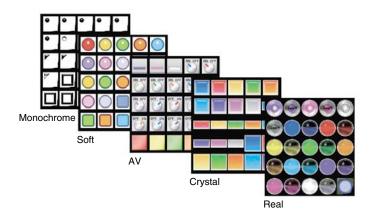
Choose your font!

• A variety of fonts are available including the standard type set and the windows type set. When windows fonts are selected, italic, underlined, and underlined italic are also available.



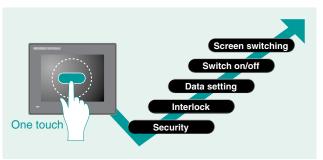
Design unification using the parts library

Lamps and switches can be selected from the Screen Design Software's built in library. Alternatively new parts can be downloaded from the web. Library images can be displayed in all colors.



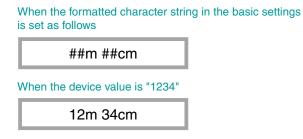
Multi action switch

Because one switch can determine multiple functions, it is not necessary to overlay different switches types for each function. You can reduce loads on sequence programs by combining the settings of delay, repetition, interlock, etc. according to the operations within the PLC.



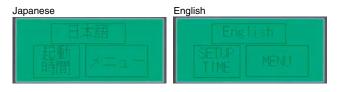
Format string function

The GT10 can display characters (alphabets, numbers, kanji, and symbols) in the device value display.



Simple set-up of language switching windows

- Language switching windows can be easily created allowing one language to be switched to another, for example English to Japanese.
- Up to 10 languages can be switched per comment group. Window switching can take place not only for languages but also for different applications.



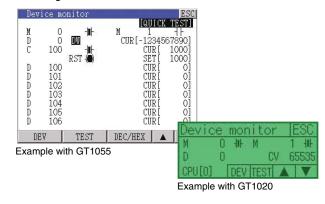
Characters from all over the world for people all over the world

The GOT1000 series can display a number of languages for a variety of countries and areas.

Unicode2.1 を制

Device monitor function

 You can monitor the ON/OFF status of bit devices and values of word devices in FX/Q/QnA/A Series PLCs, as well as change the timer and counter values.



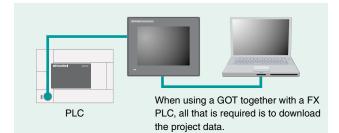
Preinstalled OS to enable immediate use

Pre-installed OS

The OS of the GOT is installed before shipment from the factory.

Communication driver

The communication driver installed before shipment is provided for an FX Series PLC. To connect a Q/QnA/A Series PLC, microcomputer board or other supported PLC device you have to install the required communication driver available from GT Designer2.



Sequence program edition

GT1050/GT1055

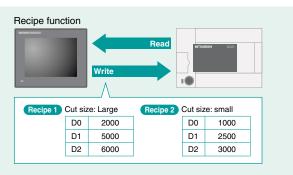
• You can edit sequence programs in the list format of the FX PLC in the GOT. This function is convenient for simple program changes at the local site.

							< Re	ad
	LD INCP	M	8013 24	HODE	DP		HORE	CL R
	INCP	D	100 24	LD	AND	OR	FUNC	SP
	INCP	D	110 24	LDI	ANI	ORI	END	STEP
i	LD=	D	120 224	OUT	ANB	ORB	STL	
	K	D	100 8	SET	PLS	MC	RET	۲
5	MOVP		,12	RST	PLF	MCR	NOP	60



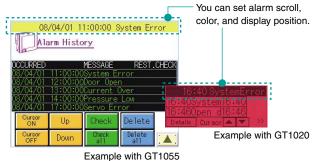
Simple data setting using the recipe function

The GOT has a built-in memory for up to 4,000 points (corresponding to 16-bit word devices). Using this memory the GOT can transfer a range of values to and from the PLC.



Alarm function

 The GOT offers alarm display, alarm history, and alarm scroll functions to enable display setting for each window. Language switching for alarms is also available.



Screen save function

The backlight ON/OFF setting achieves energy-saving whilst still enabling the GOT to function. The GOT screen can be controlled from the PLC, allowing backlight and alarm windows to be controlled in the event of an error.

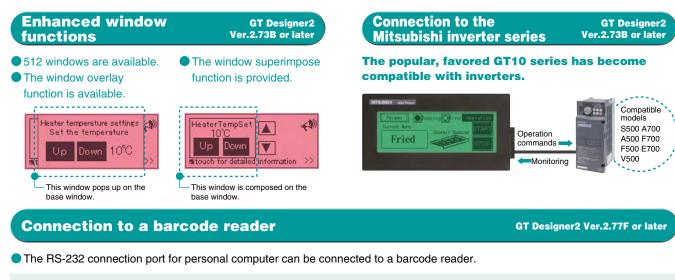
Functionality

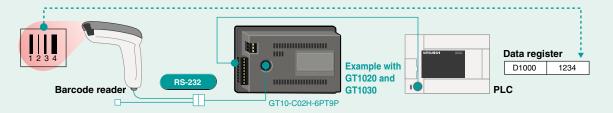
Common	 Screen (base: max. 1,024 screens, window: max. 512 windows) Fonts (standard (6 × 8 dots: Gothic, 16 dots: Gothic, 12 dots: gothic [except GT1020])/high quality/TrueType/Windows) Screen switching function, screen call-up function, language switching function, password, system information, setting connected devices, and startup logo
Drawing and graphics	 Straight lines, continuous lines, rectangular, polygons, chamfered quadrangles, circles, ellipses, arcs, elliptic arcs, circular sectors, and elliptic sectors Division indication Painting Images (BMP/DXF)
Objects	©Comment registration (basic comments and comment groups) Parts registration ©Data computing function ©Offset function ©Security function ©Lamp indications ©Touch switches Numeric indications and input ©ASCII indications and input ©Ciock function (GT1050, GT1055, GT1040, GT1045, GT1030: Integrated clock, GT1020: Read from the PLC clock) ©Comment displays @Alarm list and alarm history @Parts display @Panel meters ©Trend graphs, kinked line graphs, bar graphs, statistic circular graphs ©Status monitor function @Recipe function (4,000 points) ©Time action function

GT10

ō

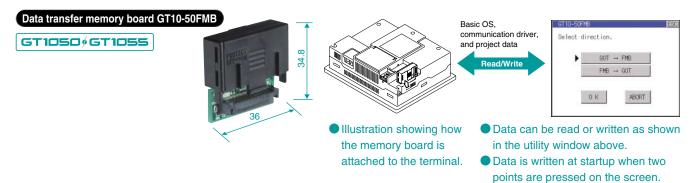
Easily added functions make it simpler to use GT10 MODEL





Data transfer for improved user-friendliness and flexibility

• Optional memory board and memory loader provide a convenient way to download project data and operating system to terminals without a PC. Furthermore when downloading to multiple units speed and efficiency is increased.



Memory loader GT10-LDR GT1030 | GT1020 |

MISURE

ADALS 1110.0 100.0

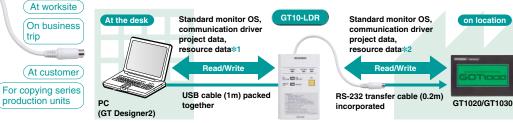
70

10-10 III -----

These areas

Can read the project data and resource data. • Offers simple switch type operation, where the write-protect switch prevents erroneous reading. Does not require power supply as power is supplied from the GOT or personal computer.

Has a compact design (70 × 110 mm), where the GOT transfer cable can be accommodated inside the body.



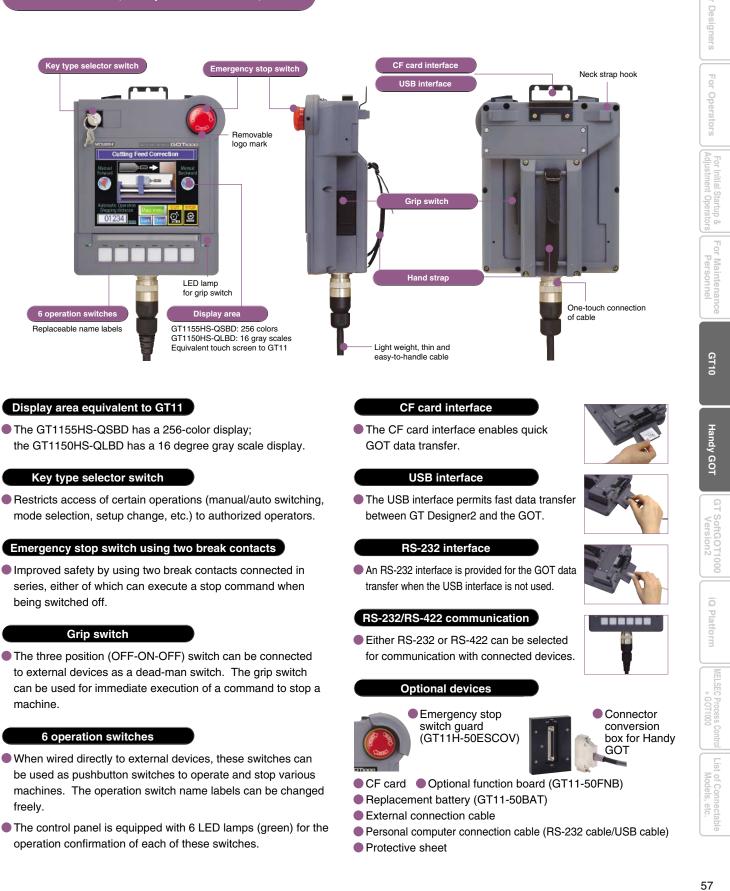
• Can write the basic OS, communication driver, and project data.

*1 : The basic OS and communication driver can be written only, and resource data can be only read. *2 : Resource data can be only read.

Portable and wearable Handy terminal can also be mounted on a wall or a machine

Handy GOT

GT1155HS-QSBD/GT1150HS-QLBD



The GT1155HS-QSBD has a 256-color display; the GT1150HS-QLBD has a 16 degree gray scale display.

Restricts access of certain operations (manual/auto switching, mode selection, setup change, etc.) to authorized operators.

Emergency stop switch using two break contacts

Improved safety by using two break contacts connected in series, either of which can execute a stop command when being switched off.

to external devices as a dead-man switch. The grip switch can be used for immediate execution of a command to stop a machine.

- When wired directly to external devices, these switches can be used as pushbutton switches to operate and stop various machines. The operation switch name labels can be changed freely.
- The control panel is equipped with 6 LED lamps (green) for the operation confirmation of each of these switches.

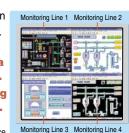
Use your personal computer as a GOT

For GOT 1000 Version2

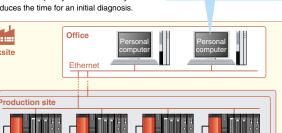
Screen data created by GT Designer2 Version2 can be used without conversion. GT SoftGOT1000 is an HMI software which offers the GOT1000 functions on personal computers and panel computers.



Conditions at the production sites can be monitored from a remote location. Multiple instances of GT SoftGOT1000 can run on a single personal computer. Reduce cost by minimizing the system recovery time. Upon occurrence of problems, the status of on-site equipment can be quickly monitored from your office. This reduces the time for an initial diagnosis



Worksite



Connection with MELSEC instrumentation

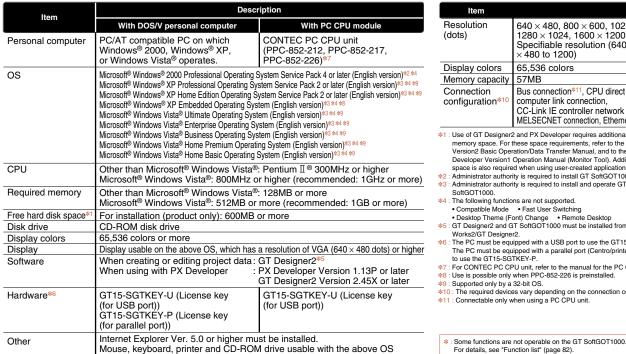
the new process control CPUs (Q02PH and Q06PHCPU).

Now compatible with GT SoftGOT1000 and PX Developer monitoring tools can be connected to easily establish an instrumentation monitoring system.

PX Developer face plate and other tools

Tools for monitoring, operating, and tuning loop control tags. (The display position can be specified.)

GT SoftGOT1000 (English version) operating environment





Better linkage with other applications and more flexibility when creating screens

- Create a screen at a desired resolution depending on the applicable space on the screen. This function is useful when simultaneously displaying the GT SoftGOT1000 screen with another application software program on a personal computer display. (Screen size can be specified in the range of VGA to UXGA)
- Full-screen display: The whole monitoring screen such as XGA can be displayed in full-screen by hiding the title bar and the menu bar. Moreover, the screen size can be freely changed from other applications.
- Internal device interface functions: By using internal device interface functions, user-created applications can read/write data from/to the GOT internal devices. It is possible to link data to user applications such as a data logger in order to develop advanced systems that can run in cooperation with applications.

<Development environment of user applications>

Microsoft[®] Visual C++.NET2003, Microsoft[®] Visual C++ (Version.6.0), Microsoft® Visual Basic.NET2003, Microsoft® Visual Basic (Version.6.0)

Startup of other applications: In full-screen mode, other applications can be started with touch switches on the monitor screen of the GT SoftGOT1000.



Clicking on buttons executes various operations such as starting up GT SoftGOT1000 and switching base screens

PX Developer monitoring tool bar

GT SoftGOT1000 base screen

Make your desktop into a graphic monitoring window by displaying the GT SoftGOT1000 base screen in full-screen mode and sending the window to the back of the screen

GT SoftGOT1000 touch switch/object

Clicking on touch switches and objects displays various screens of PX Developer monitoring tools. (The display position can be specified.)

Specification

	Item									
ule 217,	Resolution (dots)	640 × 480, 800 × 600, 1024 × 768, 1280 × 1024, 1600 × 1200 Specifiable resolution (640 to 1600 × 480 to 1200)								
	Display colors	65,536 colors								
h version)*2 *4 version)*3 *4 *9	Memory capacity	57MB								
h version)*3 *4 *9	Connection configuration*10	Bus connection*11, CPU direct connection, computer link connection, CC-Link IE controller network connection, MELSECNET connection, Ethernet connection								
	*1 : Use of GT Designer2 and PX Developer requires additional vacant memory space. For these space requirements, refer to the GT Designer2 Version2 Basic Operation/Data Transfer Manual, and to the PX Developer Version1 Operation Manual (Monitor Tool), Additional memory									
gher Hz or more)	*2 : Administrator author *3 : Administrator author	ed when using user-created applications. ity is required to install GT SoftGOT1000. ity is required to install and operate GT								
or more)		Fast User Switching								
	*5 : GT Designer2 and G Works2/GT Designe									
dots) or higher		hipped with a USB port to use the GT15-SGTKEY-U. hipped with a parallel port (Centro/printer connector) TKEY-P.								
P or later X or later		PU unit, refer to the manual for the PC CPU module. when PPC-852-226 is preinstalled. 32-bit OS.								
e key	*10 : The required device	es vary depending on the connection configuration. when using a PC CPU unit.								

GT SoftGOT1000 Connectable Device List

[PLCs/motion controllers]

			Co						-			cation module/comput	er link mod
Series	Model name	CPU direct connection	Computer link	MELSECNET/	MELSECNET/ 10 ^{#2}	CC-Link IE	Ethernet	MELSEC-O s					o. mik modi
	Q00JCPU	_						MELSEC-Q s	eries (A mod	de)	A1SJ71UC24-R2/A	1SJ71C24-R2	
		-						MELSEC-Qn	A series		AJ71QC24(-H2)/AJ A1SJ71QC24(-H2)/AJ	71QC24N(-R2)/ A1SJ71QC24N(-R2)	
	Q02CPU*3	USB									AJ71C24-S8/AJ71	JC24/A1SJ71C24-R2/A1SJ	71UC24-R2
	Q06HCPU*3			*5	*5	0					05015540		
(mode)	Q12HCPU*3						Ŭ						ot oon he
	Q02PHCPU												
	Q06PHCPU Q12PHCPU										,		.,
	Q25PHCPU												
Redundant system (main base)		-	×	0 *5 *6 *12	0*5*6	GT SoftGOT1000 are shown on the right.						at can be use	
Redundant system	Q12PRHCPU	× ×	0	×	×	×	0			-		5 67 101 210 67	
(extension base)							<u> </u>						
	PLC: and motion controller:												
			0	0	0	0	0	MELSEC-Q s	eries (Q mo	de)			OE71NLT/
								MELSEC-Qn	A series		AJ71QE71N-B5T/AJ71QE	1/AJ71QE71-B5/A1SJ71QE	71N3-T/
Mitsubishi PLCs Series M Mitsubishi PLCs M Series M MELSEC-Q series OO Mitsubishi PLCs OO MELSEC-Q series OO Redundant system OI Redundant system OI Redundant system OI Redundant system OI MELSECNET/H OI MELSEC/Q series OI MELSEC/OS series OI MELSEC/OS series OI MELSEC/OS series OI MELSEC/OS series OI MELSEC/A series OI	Q03UDECPU												
						~		MELSEC-O S	series (A mo	de)/	AJ71E71N3-T/AJ71E71N-I	35/AJ71E71N-B2/AJ71E71N	I-T/
	Q13UDEHCPU					0		MELSEC-A s	eries/		AJ71E71N-B5T/AJ71E71-S A1SJ71E71N-B2/A1SJ71E	3/A1SJ71E71N3-T/A1SJ71 71N-T/A1SJ71E71N-B5T/	E71N-B5/
											A1SJ71E71-B5-S3/A1SJ7		
MELSECNET/H remote I/O station	QJ72LP25G		×	×	×	×	×	*1 : Only the de	evice ranges	within AnACPU s	pecifications are supported.		
	QJ72BR15 QS001CPU		×	0	0	0	0	Third par	ty PLCs				
	Q02CPU-A							Manufa	cturer	Model name	Conn	ection configuration	
			0			· ·	0		Micro PI C		CPU direct connection (HS-23	2) Computer link (HS-23	32) Ether
	O2ACPLLS1	-							. 20	C200HX			
ELSEC-QnA series	Q3ACPU	0	0*4	×	0	×	0*4			CQM1			
	Series Model name CPU dir. connection 000CPU*	-							Small-size	CQM1H			
	Q2ASCPU		1							CS1G	0		-
		0	0*4	×	0	×	0*4	OMRON		CS1D			
	Q2ASHCPU-S1			L	L					CJ1G			
		-						-		CJ1M CV500			
	A3UCPU									CV1000	0	_	_
		-							PLC		Ú Ú		
	A2ACPUP21									GL120	0	×	
		-										~	
	A2ACPUP21-S1									GL60H	×	0	×
A22 A22 A22 A22 A22 A22 A22 A22 A22 A22	A2ACPUR21-S1 A3ACPU	-									×		
	A3ACPUP21	0.47						Yaskawa Elec	tric	CP-9300MS		×	
		- 0**	0	×	0	×	0			MP920 MP930		0	C
	A1NCPUP21							Yaskawa Electr		MP940	0	×	×
A1N A2N A2N A2N A2N A2N		-											
	A2NCPUP21	_								MP2200	×	0	0
	A2NCPUR21 A2NCPU-S1	-										-	
A21 A21 A21 A21 A21 A31	A2NCPUP21-S1									F3SP08			
	A3NCPU A3NCPU	-											
		_								F3SP25			
A2 A3 A3 A3 A2 A2 A2 A1	A2USCPU							Yokogawa Ele	ectric		_	_	0
		_								F3SP38			
	A1SCPU	_								F3SP58			
	A1SCPUC24-R2 A1SHCPU	-				1				F3SP59 E3SP66			
MELSEC-A series	A2SCPU	0*7	0	×	0	×	0			F3SP67			
		-						M	- 1.1 1				
	A2SHCPU-S1										-	Taskawa Electric C	orporation
		-						For com	puter li	nk connect	ion		
Series Mod Q0002 Q0002 Q0002 <td>A1SJHCPU</td> <td></td> <td></td> <td></td> <td>MEMOBUS r</td> <td>nodule/com</td> <td>munication module</td> <td>JAMSC-IF60, JAMSC</td> <td>-IF61, CP-217IF, 217IF-01,</td> <td>217IF, 218IF-0</td>	A1SJHCPU							MEMOBUS r	nodule/com	munication module	JAMSC-IF60, JAMSC	-IF61, CP-217IF, 217IF-01,	217IF, 218IF-0
	A0J2HCPUP21	0.00		×	N N								
	A0J2HCPUR21		0	×	×	×	0	For Ethe	ernet co	nnection			
	A2CCPU							Communio	cation mod	dule	218IF, 218IF-01		
		0*7	×	×	×	×	×						
	A2CCPUC24	∩ ≉7	0	×	×	×					with PLCs made by \	okogawa Electric C	orporation
	A1FXCPU		F3LE01-5T. F3I F11-0	T, F3LE12-0T									
	Q173CPU												
lotion	Q172CPUN							[CNCe]	Miteuk	ishi CNCe			
ontroller CPU	Q172HCPU	×	×	×	×	×	×	[0::03]	misup		Conne	ction configuration	
	BCC-0 are left: CONCEPTUAL USB Conceptual Conceptua			Series	N	lodel name	PU direct Computer MELSE	CNET/ MELSECNET/ C	C-Link Ethe				
MELSEC-A series (AnCPU type)*** AZA AZA AZA AZA AZA AZA AZA AZA AZA AZA	Q173DCPU									c	onnection link H	1 10 ^{#2}	IE Luie
lotion					1				FC	A C6		~	<u> </u>
ontroller CPU	A273UHCPU-S3	0*	0	×	0	×	0	220,40 00/0	FC	A C64			<u> </u>
a series/large type)		×	×	×	×	×	×]	Usahle	unite	when cor	nected to ME		
Series Model and base state in the series of the series													
		+ ×	×	×	×	×	×	or Ethe					
	A171SHCPU		1									Ethernet module	
			_		_				MELC	DAS C6/C64		FCU6-EX875	
0	A172SHCPUN	0**	0	×	0	×		[Dobot]			1.1.0.1		
	FX0S			C-Link									
		-								e	onnection link H	10*2	IE Ethe
				1	1	1	1 I	CRnQ-700			0*11 0 0		0 0
	FX1S FX1N	-									X V V	V I	
	FX1S FX1N FX1NC	0	×	×	×	×	×				X X X	X	XIC
	FX1S FX1N FX1NC FX2N FX2NC	0	×	×	×	×	×	CRnD-700	llowing softw	vare version or late	x x x	the AnNCPU(S1), A2SCP	
	FX1S FX1N FX1NC FX2N FX2NC FX3G	0	×	×	×	×	×	CRnD-700 *7 : Only the fo A2CCPU. I	Earlier version	ons cannot be used	1.		

Connection configuration for network type MELSECNET/H mode and MELSECNET/H extension mode (PC-to-P ²: Connection configuration for network type MELSECNET/10 mode (PC-to-PC net). (Including the case where the mode is switched from MELSECNET/10 to MELSECNET/10 (PC-to-PC net)) ³: For multi-CPU configuration, use the CPU function version B or later. ⁴⁴: When using a computer link module for A series or an Ethernet module with QnACPU, GT SoftGOT1000 cannot monitor the module.

- Use the PLC CPU and MELSECNET/H network module function version B or later. Use the driver (SW0DNC-MNETH-B) of version K or later for the MELSECNET/H board

Medulas usable when connected with Mitsubishi DI Co

CPU series	Serial communication module/computer link module
MELSEC-Q series (Q mode)	QJ71C24(-R2)/QJ71C24N(-R2)/QJ71CMO(N)
MELSEC-Q series (A mode)	A1SJ71UC24-R2/A1SJ71C24-R2
MELSEC-QnA series	AJ71QC24(-R2)/AJ71QC24N(-R2)/
MELSEC-QITA Series	A1SJ71QC24(-R2)/A1SJ71QC24N(-R2)
MELSEC-A series	AJ71C24-S8/AJ71UC24/A1SJ71C24-R2/A1SJ71UC24-R2

CPU series	Ethernet module
MELSEC-Q series (Q mode)	QJ71E71-100/QJ71E71-B5/QJ71E71-B2/QJ71E71
MELSEC-QnA series	AJ71QE71N3-T/AJ71QE71N-B5/AJ71QE71N-B2/AJ71QE71N-T/ AJ71QE71N-B5T/AJ71QE71NJ71QE71-B5/A1SJ71QE71N-T/ A1SJ71QE71N-B5/A1SJ71QE71N-B2/A1SJ71QE71N-T/ A1SJ71QE71N-B5TA1SJ71QE71-B5/A1SJ71QE71-B2
MELSEC-Q series (A mode)/ MELSEC-A series/ Motion controller CPU (A series) ^{#1}	AJ71E71N3-T/AJ71E71N-B5/AJ71E71N-B2/AJ71E71N-T/ AJ71E71N-B5T/AJ71E71-S3/A1SJ71E71N-B2/AJ71E71N-B5/ A1SJ71E71N-B2/A1SJ71E71N-T/A1SJ71E71N-B5T/ A1SJ71E71-B5-S3/A1SJ71E71-B2-S3
*1 : Only the device ranges within AnACPU sp	pecifications are supported.
Third nexts DI Os	

Manufacturer		Model name		tion configuration			
Manut	acturer	Model name	CPU direct connection (RS-232)	Computer link (RS-232)	Ethernet		
	Micro PLC	CPM2A	0		_		
		C200HX					
		C200HG					
		CQM1	1				
	Small-size	CQM1H					
		CS1H					
	PLC	CS1G	0	_	_		
OMBON		CS1D	1				
		CJ1H					
		CJ1G					
		CJ1M					
		CV500					
	Large-size	CV1000					
		CV2000	0	_	-		
	1.20	CVM1					
		GL120	<u></u>				
		GL130	0	×			
		GL60S			1		
		GL60H	X	0	X		
		GL70H	~	ě			
		CP-9200SH	Х	0	1		
		CP-9300MS	~~~~	×	1		
Yaskawa El	lectric	MP920			0		
		MP930	_	ÿ			
		MP940	0				
		PROGIC-8		×	×		
		CP-9200(H)					
		MP2200			-		
		MP2300	×	0	0		
		F3SP05					
		F3SP08					
		F3FP36					
		F3SP21					
		F3SP25					
		F3SP35					
Yokogawa F	Electric	F3SP28		_	0		
gunu		F3SP38					
		F3SP53					
		F3SP58					
		F3SP59					
		F3SP66					
		F3SP67					

MEMOBUS module/communication module	JAMSC-IF60, JAMSC-IF61, CP-217IF, 217IF-01, 217IF, 218IF-01
For Ethernet connection	
Communication module	218IF, 218IF-01

When commends with GT solution holds, the GF os cannot be connected to be

10 Computer link unit software version U or later must be used for the A2SCPU, A2SHCPU, A1SHCPU, A1SHCPU, A0J2HCPU, A171SHCPU and A172SHCPU computer link connection. A0J2-C214-S1 (computer link unit for A0J2HCPU) computer used

Accessing Q173NCCPU, CRnQ-700 must be performed via USB or RS-232 of QCPU in the multi-CPU system. MELSECNET/H extension mode cannot be used.

Adji

5 go

Per

GT10

GOT

GT SoftGOT1000 Version2

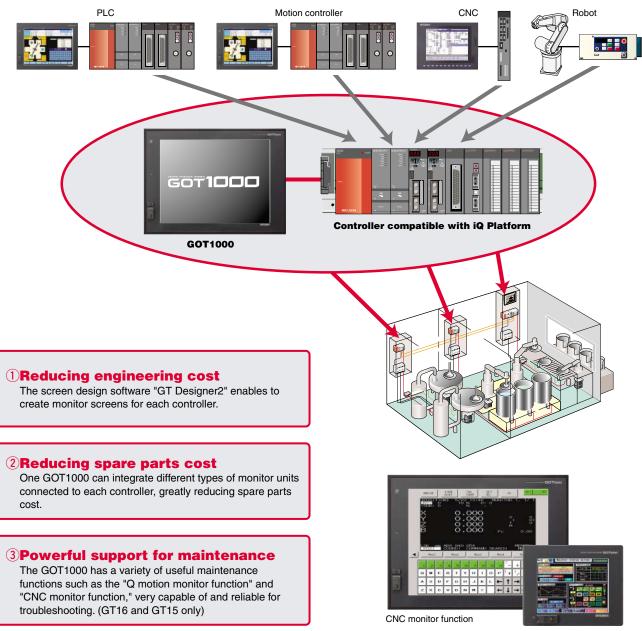
Ensuring reliable coordination with controllers compatible with the iQ Platform, the GOT1000 represents all the controls.



"iQ Platform," the next generation integrated platform integrated Q improved Quality intelligent & Quick innovation & Quest

With high speed control and convenience fully assured, "controllers compatible with the iQ Platform" and the "GOT1000" are the keys to higher productivity and lower costs.

PLCs, motion controllers, CNCs, and robot controllers are integrated into one as a controller compatible with the iQ Platform. The GOT1000 can integrate different types of monitor units that were previously connected to each controller.



Example of created screer

Flexibly interacting with process control Building up monitor systems without SCADA MELSEC process control + GOT1000

"MELSEC process control" was developed for process control with general-purpose PLCs. The GOT1000 can play an active role as the monitoring interface, offering various features and advantages such as excellent interaction that only a group of Mitsubishi brand units can develop, the ability to build up monitoring systems without SCADA, and many others.

Three benefits that MELSEC process control and GOT1000 (GT16/GT15) can offer.

() The PX Developer creates GOT process control screens automatically.

Based on the information such as tags defined by the PX Developer, process control monitor screens for the GOT can be created automatically, greatly reducing the man-hours for screen design. GT Designer2 can then customize the automatically created screens.

[Screen examples that can be created automatically]







Alarm list screen NEW

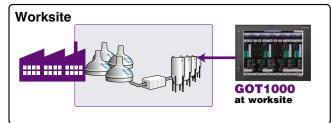
Trend graph screen NEW

2 Utilizing GOT1000 & SoftGOT1000 data

Only by using GT Designer2 and PX Developer, a process control monitor system can be developed for both a worksite (GOT1000) and a monitor room (GT SoftGOT1000). Screen data can be shared to monitor screens efficiently

Compatible with new process control CPUs (Q02PH/Q06PHCPU). **Best fit for small-scale process equipment!**

The worksite or the monitor room needs no SCADAs. making it simple and easy to build up a "process control monitor system."



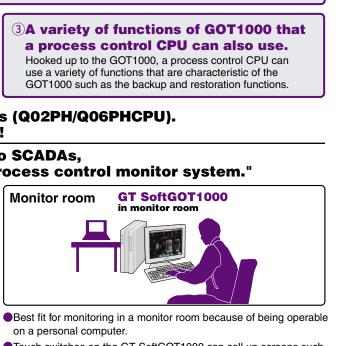
- Excellent anti-environment performance (IP67f) and operates in various kinds of worksites.
- The function to automatically generate process control screens enables process control monitor screens to be created simply and easily, which was previously a time consuming task.
- A variety of functions that are characteristic of the GOT1000 are available for use such as the operation log function, operator authentication, and backup/restoration functions.

<For detailed descriptions on these functions, see PX Developer New Product Release No.308E and PX Developer Operating Manual (GOT Screen Generator).>





Tag setting screen



• Touch switches on the GT SoftGOT1000 can call up screens such as face plates and the alarm list of the PX Developer monitor tool.

Since the GOT1000 screen data can be used for GT SoftGOT1000 without modification, no screens need to be created for a monitor room

< For more details, see page 58 of this catalog.>

MELSEC Process C + GOT1000

List of connectable models

Series Nodel Connection configuration 000001 1						Com	nook	ione		- nfile		tion									Car	noot	ion			tion		
Month Manual Manual </th <th></th> <th></th> <th></th> <th></th> <th>0</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>gura</th> <th>tion</th> <th></th> <th>0.74</th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>igura</th> <th>ation</th> <th></th> <th></th>					0						gura	tion		0.74				-							igura	ation		
Series name is is<			=		G ¥			5/GT	_		<u>_</u>			a I I(⊻				=		ы 	- 10/		b/GT	<u> </u>	<u></u>			GT1 _≚
NELSEC: NUMBER	Series			ᆞㅠ゠	i i	1	ET/I	w	Í		a G4		πE	Ē	a G4	Series		ctio	# 5	ii.	1	ЕТИ	ω	â	a G4		* 5	Ē
Base Proprint Base Pro				ctic	ute	S	CN	1¥		ž	ž	Jet	ctic		k (v		name	nne	ctic	ute	S	CN I	ž	ž	ž ×	Jet	ctic	
Base Proprint Base Pro				l ⊃ e	du	IS	¥4	128	N *		Ę.	heri	2 e		Ë			s co	12 E	du	ISI	*44	X	1.18	Ë	heri	l ⊃ e	
MELSEC- 000000 0000000 0000000 000000000000000000000000000000000000			- B #	53	ŭ	M ¥	M #	ŏž	¥ S	ŏ¥	S %	ш¥	53	ŭ	38			m m m m m m m m m m m m m m m m m m m	53	ŭ	M ¥	M ¥	ŏ¥	ŭž.	58	щž	53	ŭ
Discreting	H		()*8															-										
MELSEC- Discrution Operation Operat	H																	1										
MELSE- Convertion	F	Q02CPU *7											~	~			A1SCPU	1					1				0	
0.8ertision 0000001000000000000000000000000000000	IELSEC-	Q02HCPU *7											0	0		MELSEC	A1SCPUC24-R2	1										
(G) Modeling (G) Bisley (G) Modeling (series	Q06HCPU *7															A1SHCPU] _										
003407U 003407U 0 <	·		0				*9											1		0	×		×	0	×	0		0
Image: Construction	H											ļ				•		-	*12			×					 ≭12	
USER-CPU UNIT																		-										
Image: Description Image: Descripion Image: Description Image: D	H																										0	
Nature 0005996(PU) X																		0										
Immuno Masse Company										~	~	_	×	×	×			*13										
Weissense COUPUID CoupUPUID CouPUID CouPUID CouP	(main base)	Q25PRHCPU	×	0	×		*9		,	0	0	0					A0J2HCPU											
Identication Columber 10			×	×	0	×	×	×		\circ	\circ	0						0		0		×		0	×	0		0
Docuberul Doc	1					L.,		· `		~		~			\mid			Ĭ	*12							<u>ا</u>	⊖ ∗12	
Double-CPU Disuble-	H																	-				<u> </u>			\vdash		() *12	
DotUNICPU 2020UPCPU 2020U	H															MELSEC-		+ ×	-	×	×				×	×	0*12	×
Distumber Distumber <t< td=""><td>H</td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td>A series*11</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>ŏ</td><td></td></t<>	H			0									0			A series*11		1									ŏ	
D28000FCPU GAUDEFORU GUND	H																A2CCPUC24				1						0	_
DOULDEHCPU DISUBSECTI 2020/06/CPU 2020/06/CPU 2020/06/CPU X		Q26UDHCPU	0		0	0	0	0		0	\circ	0		0	0		A2CCPUC24-PRF							x x x x x x x x x x x x x x x x x x x x				0
OBULDE-EPU DasUBE-EPU astation Ancorpuration (AncPU Uye) X	H																		_								0	×
Disuberberu (mondu) Disuberberu (Disuberberu) Disuberberu (Disuberberu) <thdisuberberu (Disuberberu) Disuberbe</thdisuberberu 	H			~									~					-	0	×		×			X	×	0	×
Description Description Motion OTZPEP:56 X	H												×					10	0	0	0	0		0	0	0		
MELSEC: remote U0 bull 0.722.P25.6 bull X	H															Motion	-	*16		*17	*17	*1/		*17	*17	*17		
ormedu (o Distribution Distribution <td></td> <td>\circ</td> <td></td> <td></td> <td></td> <td> × </td> <td></td> <td></td> <td></td> <td>×</td> <td>×</td>																			$ \circ $				×				×	×
MELSEC- Conceptual (Amode) X </td <td>1 H</td> <td></td> <td>×</td> <td>0</td> <td>0</td> <td>×</td> <td>×</td> <td>×</td> <td>: </td> <td>×</td> <td>\times</td> <td>0</td> <td>×</td> <td>×</td> <td>\times</td> <td></td> <td>Q172HCPU</td> <td>10</td> <td></td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td>\circ</td> <td></td> <td></td> <td></td>	1 H		×	0	0	×	×	×	:	×	\times	0	×	×	\times		Q172HCPU	10		0	0				\circ			
MELSEC: OBCEPUA X <	_	QJ72BR15														(Q series)			*15									
O series OXMPCPLA X			Х	×	×	0	0	0		×	×	0	Х	×	×			0	0	0	0	0	0	0	0	0	×	×
(A mode) OdeHCPLA C C C C C (A mode) OdeHCPLA C	H		\sim								\sim		\circ			Motion			*15					<u> </u>				
Calculation Calculation CPU A222UHCPU-SI (An A series) CPU A223UHCPU-SI A33UCPU-SI (An CPU type) X	H		~										0					1										
MELSEC- QAACPU QaACPU QaACP																CPU		10	0	0	×	0	×	0	×	0	×	×
GnA Series (GnACPU MeLSEC- GnA Series (GnASCPU type) GAACPU GAACPU GAACPU GAACPU GAACPUSI (GAASCPU SI (GAASCPU SI (GAASCPU SI (GAASCPU SI (GAASCPU SI (AUCPUSI A	IELSEC-	Q2ACPU-S1	~										\sim			(A series)	A373UCPU	1										
MELSEC- GAASCPUS1 (2ASCPUS1) (2ASCPUS1) (2ASCPUS1) (2ASCPUS1) (2ASCPUS1) (2ASCPUS1) (2ASCPUS1) (2ASCPUS1) (AUCPU A2UCPU A2UCPU A2UCPU A2UCPU A2UCPUS1 A2UCPU A2UCPUS1 A2UC	H												*6	*6		(large type)												
MELSEC- QnA series (mASCPU type)			~															4										
MELSEC- OnA series A2UCPU-ST A2UCPU-ST A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UCPU-A2UCPU-ST A2UC			()*10	0	↔ *6	×		×			×	*6	×	×		Motion		-										
QrA series (QnASCPU type) QrashCPU (2ASHCPU-S1) Qrevent (Asseries) Qrevent (Asseries) <td< td=""><td>AFLSEC- F</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>controller</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	AFLSEC- F															controller		1										
(UnASUPU type) 22ASHCPU-S1 A2UCPU A2UCPU A2UCPU A173UHCPU-S1 A2ACPUR21 A173UHCPU-S1 A2ACPUP21 A2ACPUP21 A2ACPUP21 A2ACPUP21 A3ACPU X X A3ACPUP21 X X A3ACPUP21 X X A3ACPUP21 X X X A3ACPUP21 X X X A1NCPU21 X X X X A1NCPUP21 A1NCPUP21 X X X A2NCPUP21-S1 X X X X A2NCPUP21-S1 X X X X A2NCPUP21-S1 X X X X	anA series		0										0 *6	○ *6		CPU		10	0	0	×		×	0	×	0	×	×
A2UCPUS1 A3UCPU A2UCPUS1 A3UCPU A2UCPUS1 A3UCPU A2UCPUS1 A3UCPU A2UCPUS1 A1720HCPUS1 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 A2ACPUE21 ASeries A X </td <td>)nAS(CPLI type) F</td> <td></td> <td>A172SHCPU</td> <td>*18</td> <td>Ĩ</td> <td>Ĩ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>~</td> <td></td> <td></td>)nAS(CPLI type) F																A172SHCPU	*18	Ĩ	Ĩ						~		
AUCPU-S1 AUCPU AUCPU AUCPU AUCPU AUCPU AACPUP21 AACPUP21 AACPUP21 AACPUP21 AACPUP21 AACPUP21 AACPUP21 AACPUP21 AACPUP21 ASE AACPUP21 ASE AACPUP21 ASE AACPUP21 ASE AACPUP21 ASE AACPUP21 ASE ASCPUP21 ASCPUP21 ASE ASCPUP21 ASC		A2UCPU															A172SHCPUN]										
A3JCPU AUCPU AAUCPU AACPU AACPU21 AACPU21 AACPU21 AACPU21 AACPU21 FXIS ASACPU21 FXIS ASACPU21 FXIS ASACPU21 FXIS AINCPU FXIS AINCPU21 FXIS AINCPU221 FXIS AINCPU22	H																	1										
A2ACPU A2ACPU21 A2ACPU21 A2ACPU21 A2ACPU21 A2ACPU21-S1 A2ACPU21-S1 A2ACPU21-S1 A2ACPU21-S1 A2ACPU21-S1 A3ACPU A3ACPU21 A series A3ACPU21 A3ACPU21 A3ACPU21 A series A3ACPU21 A1NCPU21 X A1NCPU21 X A1NCPU21 X A1NCPU21 X A2NCPU21 X A2NCPU21 X A1NCPU21 X A1NCPU21 X A2NCPU21 X A2NCPU221 X A2NCPU221 X A2NCPU221	H																							<u> </u>				
A2ACPUP21 A2ACPUR21 A2ACPUR21 A2ACPUR21S1 A2ACPUR21-S1 A2ACPUR21-S1 A2ACPUR21 × ×	H						<u> </u>	-										-										
A2ACPUR21 A2ACPUR21S1 A2ACPUR21S1 A3ACPU A2ACPUR21S1 A3ACPU A3ACPU A3ACPU MELSEC- A series A3ACPUR21 A3ACPUR21 A3ACPUR21 X X																		1										
A2ACPU-S1 A2ACPUR21-S1 A3ACPUR21-S1 A3ACPUR21 A X <td< td=""><td>H</td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td>\times</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	H			0									0		\times			1										
AzACPUP21-S1 A3ACPU AzACPUP21-S1 A3ACPU Aseries A3ACPUR21 Aseries AACPUR21 A3ACPU A series A3ACPUR21 A1NCPUR21 A1NCPUR21 A2NCPUR21S1 V V V V Image: Comparison of the com	H															MELSEC-	FX1NC			\sim								~
A3ACPU Aseries A3ACPUP21 A3ACPUP21 Aseries A3ACPUP21 A3ACPUP21 ASECPU X		A2ACPUP21-S1														FX series	FX2N	1 ^	$[\circ]$	×		^	^	^			0	×
MELSEC- A series A3ACPUP21 A3ACPUR21 A3ACPUP21 X<	H																	1										
A series A 3ACPUR21 (AnCPU type) A1NCPU A1NCPUZ1 A1NCPUZ1 A1NCPUZ1 A2NCPUZ1 A2NCPUZ21 A2NCPUZ1 A2NCPUZ1 A2NCPUZ21 A2NCPUZ1 A2NCPUZ21 A2NCPUZ1 A2NCPUZ1 A2NCPUZ21 A2NCPUZ2 A A2NCPUZ2 A A2NCPUZ2 A A2NCPUZ2 A A A A A2NCPUZ2 A A A A A A A A A A A A A A A A A A A	H																	-										
(AnCPU type) A1NCPU A1NCPU21 X A2NCPU2 X A2NCPU21 X A2NCPU2151 X A2NCPU2151 X X X X X X X X X X X X X X X X X X X X X	H										$\mathbf{\nabla}$			0				-										
AINCPUP21 AINCPUP21 AINCPUR21 A2NCPU A2NCPUP21 A2NCPUP31 A2N	H					^		^	•		$^{}$					*11 : Computer			r later r	nuet he		or the /	029CP	11 425	нсри	A19HC		SIH
A1NCPUR21 A2NCPU A2NCPU21 A2NCPU21 A2NCPU21 A2NCPU51 A2NCPU51 A2NCPU51 A2NCPU51 A2NCPU21 A2NCPU21 A2NCPU251 *12 A2NCPU251 *12 A2NCPU251 *12 A2NCPU251 *12 *12 *12 *12 *12 *12 *12 *12 *12 *12 *13 Common control to used to write data to the AnNCPU(S1), A2SC A2SCPU *12 *12 *12 *13 Common control to used to write data to the AnNCPU(S1), A2SC A2SCPU *14 Use of SV13, SV2 or SV43 requires a motion or Celd. *13 Common control to used to write the data to the AnNCPU(S1), A2SC *14 Use of SV13, SV2 or SV43 requires a motion control used to write the data to the AnNCPU(S1), A2SC *14 Use of SV13, SV22 or SV43 requires a motion control uset the data t	· · · · ·						×									A0J2HCPL	J, A171SHCPU and J	4172SF	ICPU ci	ompute	r link co	onnectio	ons.		101 0,1	ATOTIC	/ 0, A	00110
A2NCPU · </td <td>- F</td> <td></td> <td>*12 : Only the fo</td> <td>llowing software vers</td> <td>ion or l</td> <td>ater car</td> <td>h be use</td> <td>ed to w</td> <td>rite data</td> <td>a to the</td> <td>AnNCF</td> <td>PU(S1),</td> <td>A2SC</td> <td>PU, A0</td> <td>J2HC</td>	- F															*12 : Only the fo	llowing software vers	ion or l	ater car	h be use	ed to w	rite data	a to the	AnNCF	PU(S1),	A2SC	PU, A0	J2HC
A2NCPUP21 A2NCPUP21 A2NCPUP51 A2NCPUP51 A2NCPUP51 A2NCPUP21-S1 A2N		A2NCPU														 AnNCPU 	Earlier versions canr (S1)	: Versi	on L or I		CPUs	with lin	k, and	version	H or la	ter for (CPUs w	rithout
A2NCPUR21 A2NCPU-S1 A2NCPU-S1 A2NCPU-S1 A2NCPUP21-S1 A2NCPUR21-S1	H															 A0J2HCF 	U (with/without link)	: Versi	on E or	later								
A2NCPU-S1 *12 *12 *12 *13 : Cannot connect to bus if an extension base is connected. A2NCPUP21-S1 A2NCPUP21-S1 A2NCPUP21-				0												 A0J2HCF 	PU-DC24	: Versi	on B or	later								
A2NCPUR21-S1 SW6RN-SV13Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CPU direct connection with SW6RN-SV22Q OH or later (00E or later in the case of bus connection or CP	H			*12												*13 : Cannot cor	nect to bus if an exte	ension	base is	connec	ted.	the fol	lowing	OS ver	sion inc	talled		
	H															SW6RN-S	/13Q : 00H or late	r (00E o	r later in f	he case	of bus of	onnectio	on or CP	U direct of	connectio	on with (2172CP	
	- F	A3NCPUR21-S1														SW6RN-S	/43Q : 00B or later	r i										u ur Q
ASIC OTING O SOB Internates is available on the OTZENCPU, OTSIGNOP, OTSIGNOP	H															The Q172H	CPU. 0173HCPU. 01	72DCP	J and Q	HCPU, 173DCF	Q173H VU can I	ICPU, C	2172D0 ssed via	JPU and a RS-23	a Q173 2 of the	DCPU. QCPU	of a mul	ti-CPL
ASINC 01 21 *16 : Use a unit with the following Serial No. A3NCPUR21 Q172CPU Serial No. K####### or later																*16 : Use a unit	with the following Se	rial No.										

 *2: Indicates CC-Link IE network connection *3: When connecting multiple GOTs, note that the following GOT models cannot be used together: GOT1000 series, GOT-A000 series, GOT400 series, GOT500 series and A77GOT. *4: When MELSECNET/H is used in NET/10 mode, the GOT terminal cannot be connected directly to a remote I/O station. *5: CC-Link (ID): Connected as CC-Link (Intelligent device station) 	**/「 Use a unit with the tollowing Serial No. QT2CPU Serial No. N時時時時代 QT3CPU Serial No. N時時時時時代 QT3CPU Serial No. N時時時時時時 *18 : When an expansion base is used, use A168B.
CC-Link (via G4): Connected to a	*: Applicable GOT varies depending on the connection destination.
 *6 : When using A series computer link or an Ethernet module with OnACPU, only the device ranges within AnACPU specifications are supported. The following devices cannot be monitored: Devices that have been newly added to the OnACPU Latch relay (L) and step relay (S) (In the OnACPU, the latch relay (L) and step relay (S) are separate devices from the internal relay (M), but the internal relay is nonetheless accessed when either the latch relay or step relay is specified.) File register (R) *71: Use CPU function version B or later or the CPU and MELSECNET/Th network unit. *80: When using a bus extension connector box, it must be installed on an extension base. (It cannot be installed on the main base.) *10: In O4ARCPU redundant system. GOT must be connected via bus connection to the last stage's redundant system extension base A68RB version B or later. 	GT16 ··· When connected via B522, R5-422485 or Ehment: All models (Bus connection and network connetion and network connection and network connection an

GT10 --- When connected via RS-232 or RS-422: GT115_HS-Q_BD GT10 --- When connected via RS-232 or RS-422: GT105_-Q_BD, GT1030-LBD2/LBDW2, GT1020-LBD2/LBDW2 When connected via RS-422 : GT105_-Q_BD, GT1030-LBD2/LBDW2, GT1020-LBD/LBDW2, GT1020-LBD/LBUW2 (The GT1020-LBL/LBLW can be used only with the MELSEC-FXCPU.)

The GOT1000 series allows connection to Mitsubishi PLCs and a variety of other FA devices.

Modules usable when connected with Mitsubishi PI Ce

Modules usable							
For computer link c	connection				●For MELSECNET/H conr		
CPU series	Serial communica	ation m		-	CPU series	MELSECNET/H	
	Model		CH1 BS-232	CH2 BS-422/485		Optical loop QJ71LP21	Coaxial bus QJ71BR11
MELSEC-Q series	QJ71C24 QJ71C24-R2		RS-232 RS-232	RS-422/485 RS-232	MELSEC-Q series (Q mode)*1	QJ71LP21 QJ71LP21-25	QJ/1BKT
(Q mode) Motion controller CPU	QJ71C24N		RS-232	RS-422/485		QJ71LP21S-25	
(Q series)	QJ71C24N-R2 QJ71C24N-R4		RS-232 RS-422/485	RS-232 RS-422/485	*1 : Use CPU and MELSECNET/H net	twork unit function version B or later	r.
MELSECNET/H remote I/O	QJ71C24N-R4 QJ71CMO		RS-422/485 Modular connector	RS-422/485 RS-232			
station	QJ71CMON	*3 *7	Modular connector	RS-232	For MELSECNET/10 con		
MELSEC-Q series (A mode)	A1SJ71UC24-R2		RS-232	-	CPU series	MELSECNET/H (NET/10 mode),	
MELOLO & CONCE (A1SJ71UC24-R4 AJ71QC24		RS-422/485 RS-232	– RS-422/485		Optical loop	Coaxial bus
	AJ71QC24-R2		RS-232 RS-232	RS-232	MELSEC-Q series (Q mode)*1	QJ71LP21 QJ71LP21-25	QJ71BR11
	AJ71QC24-R4	*4	RS-422	RS-422/485	MELSEC-Q Series (Q mode)	QJ71LP21S-25	
	AJ71QC24N	*4	RS-232	RS-422/485	MELSEC-QnA series	AJ71QLP21 A1SJ71QLP21	
	AJ71QC24N-R2 AJ71QC24N-R4		RS-232 RS-422	RS-232 RS-422/485		AJ71QLP21S A1SJ71QLP21	
	AJ71QC24N-R4 A1SJ71QC24		RS-422 RS-232	RS-422/485 RS-422/485	MELSEC-Q series (A mode) MELSEC-A series	AJ71LP21 A1SJ71LP21	AJ71BR11 A1SJ71BR11
MELSEC-QnA series	A1SJ71QC24-R2	*4	RS-232	RS-232	MELSEC-A series Motion controller CPU (A series)	A1SJ71LP21	A1SJ71BR11
	A1SJ71QC24N	*4	RS-232	RS-422/485	*1 : Use CPU and MELSECNET/H net	twork unit function version B or later	
	A1SJ71QC24N-R2		RS-232	RS-232			
	A1SJ71QC24N1		RS-232	RS-422/485	For CC-Link IE controlle	r network connection	
	A1SJ71QC24N1-R2 AJ71UC24 *4		RS-232 RS-232	RS-232 RS-422/485	CPU series	CC-Link IE controller networ	k communication unit
			RS-232 RS-232	-		QJ71GP21-SX	
	A1SJ71UC24-R4	*6 *7	RS-422/485	-	MELSEC-Q series (Q mode)	QJ71GP21S-SX	
	AJ71UC24	*4 *5	RS-232	RS-422/485			
	A1SJ71UC24-R2		RS-232	-	For CC-Link (ID) connec	tion	
MELSEC-A series Motion controller CPU	A1SJ71UC24-R4		RS-422/485	-	CPU series	CC-Link	unit
Motion controller CPU (A series)	A1SJ71C24-R2 A1SJ71C24-R4		RS-232 RS-422/485	-		QJ61BT11	um
(A series)	A1SCPUC24-R4 A1SCPUC24-R2		RS-232	-	MELSEC-Q series (Q mode)	QJ61BT11N	
	A2CCPUC24		RS-232	– RS-422/485	MELSEC-QnA series	AJ61QBT11*1	
*1 : RS-485 communication is not	t possible; *2	2 : With f	function version A, ei	either CH1 or CH2		A1SJ61QBT11*1	
therefore, A0J2-C214-S1 is un When using A series computer	unusable.	can be	be connected. With fit both CH1 and CH2 of	function version B or	MELSEC-Q series (A mode)	AJ61BT11*1 A1SJ61BT11*1	
QnACPU, only the device range	iges within 🛛 *3	3: Only 0	CH2 can be connect	ted.	MELSEC-A series Motion controller CPU (A series)	Aloudini	
AnACPU specifications are su The following devices cannot	upported. *4		er CH1 or CH2 can be n connecting to A1SH0		*1 : GOT can communicate only with CC-I	Link units function version B or later and	d software version J or later.
 Devices that have been newly ad 	dded to the QnACPU	A2SH0	HCPU(S1), A1SJHCPU	U, A0J2HCPU,		LIN UNO UNOUS	Sonware volume
 Latch relay (L) and step rela 	ay (S)	A171S	SHCPU(N) or A172SH	HCPU(N), use	For CC-Link (via G4) cor	nnection*1	
(In the QnACPU, the latch re relay (S) are separate device	ces from the *6	6 : Comp	puter link module/se	vare version U or later. erial communication	CPU series		eripheral device unit
internal relay (M), but the int	ternal relay is	modu	ule operate within th	he range of devices			eripheral device unit
nonetheless accessed when	n either the latch	availa	able on AnACPU. (F	R devices cannot be	MELSEC-Q series (Q mode)		J65BT-G4-S3 J65BT-R2N
relay or step relay is specifie • File register (R)	∍d.) *7	used. 7 : GT10	l.)) cannot be used.		*1 : GT11 and GT10 can monitor only		
		1.5.5	6u		*I. GITT and G. 10	the master attance.	
	-						
For Ethernet conne	ction	_		_		*1 : When using an A series Ethern	CPLL only the
CPU series				Ethernet module*		*1 : When using an A series Ethern device ranges within AnACPU	specifications are
-	e) QJ71E71-10		QJ71E71-B5	QJ71E71-B2	QJ71E71	*1 : When using an A series Ethern device ranges within AnACPU supported except for the follow	specifications are ving devices.
CPU series MELSEC-Q series (Q mode	e) QJ71E71-10 AJ71QE71N	N3-T	AJ71QE71N-T	QJ71E71-B2 AJ71QE71-B5	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5	 *1: When using an A series Ethern device ranges within AnACPU supported except for the follow Devices that have been newl 	specifications are ving devices. Iy added to the QnACPU
CPU series	e) QJ71E71-10 AJ71QE71N AJ71QE71N	N3-T N-B5	AJ71QE71N-T AJ71QE71N-B5T	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71-B2	 *1: When using an A series Ethen device ranges within AnACPU supported except for the follow Devices that have been newl Latch relay (L) and step relay 	I specifications are ving devices. Iy added to the QnACPU y (S)
CPU series MELSEC-Q series (Q mode	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N	N3-T N-B5 N-B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N-B5	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-B5T	 *1: When using an A series Ethen device ranges within AnACPU supported except for the follow Devices that have been new Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from the 	I specifications are ving devices. Iy added to the QnACPU y (S) elay (L) and step relay (S)
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N3-	N3-T N-B5 N-B2 3-T	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71QE71	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N-B5 A1SJ71E71N3-T	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S	 *1: When using an A series Ethern device ranges within AnACPU supported except for the follow Devices that have been new Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless 	I specifications are ving devices. ly added to the QnACPU y (S) elay (L) and step relay (S) e internal relay (M), but the accessed when either the
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-6 AJ71E71N-6	N3-T N-B5 N-B2 3-T B5	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N-B5 A1SJ71E71N3-T A1SJ71E71N-B5	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-B5T	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless 3 latch relay or step relay is sp	I specifications are ving devices. ly added to the QnACPU y (S) elay (L) and step relay (S) e internal relay (M), but the accessed when either the
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-8 AJ71E71N-8	N3-T N-B5 N-B2 3-T B5	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71QE71	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N-B5 A1SJ71E71N3-T	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S	 *1: When using an A series Ethern device ranges within AnACPU supported except for the follow Devices that have been new Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless 	I specifications are ving devices. ly added to the QnACPU y (S) elay (L) and step relay (S) e internal relay (M), but the accessed when either the
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-6 AJ71E71N-6	N3-T N-B5 N-B2 3-T B5	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N-B5 A1SJ71E71N3-T A1SJ71E71N-B5	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless 3 latch relay or step relay is sp	I specifications are ving devices. ly added to the QnACPU y (S) elay (L) and step relay (S) e internal relay (M), but the accessed when either the
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-8 eries) AJ71E71N-8	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71-S3	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N3-T A1SJ71E71N-B5 A1SJ71E71N-B2	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71-B2 A1SJ71QE71N-B5T A1SJ71E71-B5-S A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71-B5-S	 *1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless • File register (R) 	I specifications are ving devices. ly added to the QnACPU y (S) lay (L) and step relay (S) the internal relay (M), but the accessed when either the pecified.)
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-6 AJ71E71N-6	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71-S3	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N3-T A1SJ71E71N-B5 A1SJ71E71N-B2	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless 3 latch relay or step relay is sp	I specifications are ving devices. ly added to the QnACPU y (S) lay (L) and step relay (S) the internal relay (M), but the accessed when either the pecified.)
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A ser Inverters The GOT	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71-S3	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71-B5 A1SJ71QE71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms.	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71-B2 A1SJ71QE71N-B5T A1SJ71E71-B5-S A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71-B5-S	 *1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless • File register (R) 	I specifications are ving devices. ly added to the QnACPU y (S) lay (L) and step relay (S) the internal relay (M), but the accessed when either the pecified.)
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display G116/G115/GT IS-422	QJ71E71-B2 AJ71QE71-B5 A15J71QE71N3-T A15J71QE71N3-T A15J71E71N-B5 A15J71E71N-B5 A15J71E71N-B2 alarms. 11/GT10 R5-232	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S	 *1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless • File register (R) 	I specifications are ving devices. ly added to the QnACPU y (S) lay (L) and step relay (S) the internal relay (M), but the accessed when either the pecified.)
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A ser Inverters The GOT Model nam FREQROL-S500/S500E	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT IS-422 O	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71-B2-S The GOT can be used their parameters.	 *1: When using an A series Ethen device ranges within AnACPU supported except for the follow Devices that have been newl Latch relay (L) and step relay (In the QnACPU, the latch relay (In the QnACPU, the latch relay are separate devices from th internal relay is nonetheless. latch relay or step relay is sp File register (R) 	I specifications are ving devices. ly added to the QnACPU y (S) vlay (L) and step relay (S) e internal relay (M), but the accessed when either the ecified.)
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-S500/S500E FREQROL-E500	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display G116/G115/G1 S-422 O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ710E71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters.	 *1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re- are separate devices from th internal relay is nonetheless latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a 	I specifications are ving devices. ly added to the QnACPU y (S) lay (L) and step relay (S) e internal relay (M), but the accessed when either the eecified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-S500/FS00E FREQROL-F500/F500L	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display G116/GT15/GT S-422 O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71-B2-S The GOT can be used their parameters.	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC CC-Link Internal MELSEC MELSEC CC-Link	I specifications are ving devices. ly added to the QnACPU y (S) ilay (L) and step relay (S) e internal relay (M), but the accessed when either the eecified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series Motion controller CPU (A series Model nam FREQROL-S500/S500E FREQROL-F500/F500L FREQROL-F500/F500L FREQROL-F500/F500L	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T CNC The GOT can be used their parameters.	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC CC-Link N=7/H N=1710 E int N=14 + 1 + 2 + 1 + 6	I specifications are ving devices. ly added to the QnACPU y (S) se internal relay (M), but the accessed when either the secified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-S500/FS00E FREQROL-F500/F500L	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display G116/GT15/GT S-422 O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T CNC The GOT can be used their parameters.	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC CC-Link Internal MELSEC MELSEC CC-Link	I specifications are ving devices. ly added to the QnACPU y (S) ilay (L) and step relay (S) e internal relay (M), but the accessed when either the eecified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/F500L FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-5500L	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT SS-422 O O O O O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name CNC c70 Q173NCCPU MEIDS E7A CS	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re- are separate devices from th internal relay is nonetheless. 3 latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 at Connection configuration (Internet METCH NET/10) Computer MELSEC MELSEC CC-Link (Internet METCH NET/10) Computer MELSEC MELSEC CC-Link (Internet MELSEC MELSEC MELSEC CC-Link (Internet MELSEC MELSEC MELSEC CC-Link (Internet MELSEC MELSEC CC-Link (Internet MELSEC MELSEC MELSEC MELSEC (Internet MELSEC MELSEC CC-Link (Internet MELSEC MELSEC MELSEC MELSEC (Internet MELSEC	I specifications are ving devices. ly added to the QnACPU y (S) alay (L) and step relay (S) e internal relay (M), but the accessed when either the ecified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Motion controller CPU (A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/F500L FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O O O O O O O O O O O O	QJ71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 × × × × × × × × × × × ×	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model Bus CPU direct connection CNC C70 Q173NCCPU Series	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (L) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC CC-Link N=7/H N=1710 E int N=14 + 1 + 2 + 1 + 6	I specifications are ving devices. ly added to the QnACPU y (S) se internal relay (M), but the accessed when either the secified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Motion controller CPU (A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-S500/S500E FREQROL-F500/F500L FREQROL-F500/F500/F500/F500/F500/F500/F500/F500	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E eries) AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT St-422 O O O O O O O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name Bus CPU direct connection CNC C70 Q173NCCPU \$ Model RELDAS FCA C66 C66(C64 FCA C64 *14 *15 Supported by GT16 and GT15 only.	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Davices that have been newl • Latch relay (L) and step relay (In the GnACPU, the latch relay (In the GnACPU, the latch relay or step relay is sp. 33 134 145 155 156 167 178 179 180 181 181 181 181 182 181 181 182 181 183 184	I specifications are ving devices. Iy added to the QnACPU y (S) the internal relay (M), but the accessed when either the specified.) and C6/C64 and to set CC-Link CC-Link Ethernet (I) y (via G4) x1 x3 Quartum (Via G4) x4 X y (Via G4) x4 X y (Via G4) x4 x4 x4 x4 x4 x4 x4 x4 x4 x4
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-S500/S500E FREQROL-E500 FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F700 FREQROL-F700 FREQROL-F700 FREQROL-A700	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N- eries) AJ71E71N-E AJ71E71N-E AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O O O O O O O O O O O O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 × × × × × × × × × × × ×	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name Bus CPU direct connection connection CNC C70 0173NCCPU \$5 MELDAS FCA C66 \$4 *11<	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newl • Davices that have been newl • Latch relay (L) and step relay (In the GnACPU, the latch relay (In the GnACPU, the latch relay or step relay is sp. 33 134 145 155 156 167 178 179 180 181 181 181 181 182 181 181 182 181 183 184	I specifications are ving devices. Iy added to the QnACPU y (S) the internal relay (M), but the accessed when either the specified.) and C6/C64 and to set CC-Link CC-Link Ethernet (I) y (via G4) x1 x3 Quartum (Via G4) x4 X y (Via G4) x4 X y (Via G4) x4 x4 x4 x4 x4 x4 x4 x4 x4 x4
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-S500/S500E FREQROL-E500 FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F700 FREQROL-F700 FREQROL-F700 FREQROL-A700	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N- eries) AJ71E71N-E AJ71E71N-E AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-T AJ71E71N	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71DE71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X X X X X X X X X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. CNC The GOT can be used their parameters. CNC C10 CNC C0 C10 C10 C10 C10 C10 C10 C10 C10 C10	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newt • Datics that have been newt • Latch relay (L) and step relay (In the CnACPU, the latch re- are separate devices from the internal relay is nonetheless latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 at Connection configuration Conputer MELSEC MELSEC OC- Link MELSEC MELSEC OC- ink O Value Value X X X X X X X X X X X X X X	I specifications are ving devices. Iy added to the QnACPU y (S) the internal relay (M), but the accessed when either the specified.) and C6/C64 and to set CC-Link CC-Link Ethernet (I) y (via G4) Ethernet *1 *3 Q Q Q *4 X Q *4 X Q
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Motion controller CPU (A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/F500L FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N- eries) AJ71E71N-E AJ71E71N-E AJ71E71N-E T can be used to set p	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O O O O O O O O O O O O O O O O O	QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X X X X X X X X X X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71C1-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S ISJ71E71N-B5T A1SJ71E71-B2-S Series Model Bus CPU direct CNC The GOT can be used their parameters. Series Model Bus CPU direct CNC C70 0173NCCPU \$\$\$ MELDAS FCA C6 \$\$\$ C6(64 FCA C64 \$\$\$ **1 Supported by G116 and G115 only. *4 *11 Supported by G116 and G115 only. *2 *2 CPL-Link (ID): Connected as CC-Link. *4 *4 L9 NC system software version D0 \$\$	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (Lond step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless. 3 Latch relay (John Step relay is sp • File register (R) 3 internal relay is nonetheless. 1 Latch relay (John Step relay is sp • File register (R) 4 to monitor Mitsubishi CNC C70 at Competitive MELSEC MELSEC CC-Link internal relay is nonetheless. 6 O 1 O 1 RELSEC MELSEC CC-Link internal relay at the state of the state of the internal relay at the state of the state of the state of the state of the station). 1/10 mode, the GOT terminal cannot be (intelligent device station).	I specifications are ving devices. Iy added to the QnACPU y (S) the internal relay (M), but the accessed when either the specified.) and C6/C64 and to set CC-Link CC-Link Ethernet (I) y (via G4) Ethernet *1 *3 Q Q Q *4 X Q *4 X Q
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-500/F500L FREQROL-500/F500L FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-7500J FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E eries) AJ71E71N-E T can be used to set p ne	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-T AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-T AJ71E71N-B5T AJ71E71N-T AJ71E	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name Bus CPU direct connection connection CNC C70 Q173NCCPU \$5 MELDAS FCA C6 \$4 C6/C64 FCA C64 \$4 *11 Supported by GT16 and GT15 only. \$2 *2 When MELSECNET/H is used in NET remote I/O station. \$3 *2 CC-Link (ID): Connected as CC-Link (#4 Use NC system software version D0	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newd • Dations that have been newd • Dations that have been newd • Latch relay (L) and step relay (In the CnACPU, the latch relay (In the CnACPU, the latch relay or step relay is sp. • File register (R) to monitor Mitsubishi CNC C70 at Connection configuration Connection configuration Interview MELSEC MELSEC CC-Link N=11 x=1 x=2 x=1 x=6 Computer MELSEC CC-Link x=1 x=1 x=4 x=4 Computer MELSEC CC-Link x=1 x=1 x=2 x=4 x T/10 mode, the GOT terminal cannot be (intelligent device station). or later. Itel Construction	I specifications are wing devices. by added to the QnACPU y (s) slay (L) and step relay (S) e internal relay (M), but the accessed when either the secified.) and C6/C64 and to set $\frac{CC-Link}{*1} \frac{CC-Link}{(u)} \frac{Ethernet}{*1}$ $\bigcirc \bigcirc \bigcirc \\ (4x) + (4x) +$
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-500/F500L FREQROL-F500/F500L FREQROL-F500J	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E AJ71E71N	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display G116/GT15/GT C C C C C C C C C C C C C C C C C C C	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X </td <td>QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name Bus CPU direct connection connection CNC C70 Q173NCCPU \$5 MELDAS FCA C6 \$44 *11 Supported by GT16 and GT15 only. *2 *2 When MELSECNET/H is used in NET remote I/O station. *3 *2 When MELSECNET/H is used in NET remote I/O station. *4 *4 Use NC system software version D0 \$5</td> <td>*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (.) and step relay (in the QnACPU, the latch re are separate devices from th internal relay is nonetheless is latch relay (.) and step relay • File register (R) to monitor Mitsubishi CNC C70 at Connection configuration (Computer MELSEC MELSEC CC-Link internal relay is 186 CONDUCTION (.) A straight of the area separated and the connection configuration (Computer MELSEC MELSEC CC-Link internal relay is an at the area separated and the area separated and the connection configuration (Computer MELSEC MELSEC CC-Link internal relay is an at the area separated and the area separated and the area separated and the area separated and the separated and the area separated (intelligent device station). or later. the Olifond Device Station). or later. The Olifond CPU.</td> <td>I specifications are wing devices. by added to the QnACPU y (s) slay (L) and step relay (S) e internal relay (M), but the accessed when either the secified.) and C6/C64 and to set $\frac{CC-Link}{*1} \frac{CC-Link}{(u)} \frac{Ethernet}{*1}$ $\bigcirc \bigcirc \bigcirc \\ (4x) + (4x) +$</td>	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name Bus CPU direct connection connection CNC C70 Q173NCCPU \$5 MELDAS FCA C6 \$44 *11 Supported by GT16 and GT15 only. *2 *2 When MELSECNET/H is used in NET remote I/O station. *3 *2 When MELSECNET/H is used in NET remote I/O station. *4 *4 Use NC system software version D0 \$5	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (.) and step relay (in the QnACPU, the latch re are separate devices from th internal relay is nonetheless is latch relay (.) and step relay • File register (R) to monitor Mitsubishi CNC C70 at Connection configuration (Computer MELSEC MELSEC CC-Link internal relay is 186 CONDUCTION (.) A straight of the area separated and the connection configuration (Computer MELSEC MELSEC CC-Link internal relay is an at the area separated and the area separated and the connection configuration (Computer MELSEC MELSEC CC-Link internal relay is an at the area separated and the area separated and the area separated and the area separated and the separated and the area separated (intelligent device station). or later. the Olifond Device Station). or later. The Olifond CPU.	I specifications are wing devices. by added to the QnACPU y (s) slay (L) and step relay (S) e internal relay (M), but the accessed when either the secified.) and C6/C64 and to set $\frac{CC-Link}{*1} \frac{CC-Link}{(u)} \frac{Ethernet}{*1}$ $\bigcirc \bigcirc \bigcirc \\ (4x) + (4x) +$
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/FS00L FREQROL-F500J FREQROL-F500 FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500J FREQROL-F500 FREQROL-F5	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-8 AJ71E71N-8 T can be used to set p ne T can be used to set p ne B The GOT can be u Model name	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O O O O O O O O O O O O O O O O O	QJ71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X X X X X X X X X X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model Bus CNC C70 0173NCCPU C6/C64 FCA C64 ¥1 Supported by G116 and G115 only. *2 When MELSECNET/H is used in NET remote I/O station. *3 CC-Link (ID): Connected as CC-Link x *4 Use NC system software version D0 0 *5 Only a USB interface is available on t	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Latch relay (.) and step relay (in the QnACPU, the latch re are separate devices from th internal relay is nonetheless is latch relay (.) and step relay • File register (R) to monitor Mitsubishi CNC C70 at Connection configuration (Computer MELSEC MELSEC CC-Link internal relay is 186 CONDUCTION (.) A straight of the area separated and the connection configuration (Computer MELSEC MELSEC CC-Link internal relay is an at the area separated and the area separated and the connection configuration (Computer MELSEC MELSEC CC-Link internal relay is an at the area separated and the area separated and the area separated and the area separated and the separated and the area separated (intelligent device station). or later. the Olifond Device Station). or later. The Olifond CPU.	I specifications are wing devices. by added to the QnACPU y (s) slay (L) and step relay (S) e internal relay (M), but the accessed when either the secified.) and C6/C64 and to set $\frac{CC-Link}{*1} \frac{CC-Link}{(u)} \frac{Ethernet}{*1}$ $\bigcirc \bigcirc \bigcirc \\ (4x) + (4x) +$
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series) Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500 FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-6500J FREQROL-6500J FREQROL-6500J FREQROL-7500J FREQROL-700 FREQROL-700 FREQROL-700 Series MELSERVO-J3 series	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E AJ71E71N-E AJ71E71N-E T can be used to set p ne b C The GOT can be u Model name IR-J3A IR-J3T	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-T AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-T AJ71E	QJ71E71-B2 AJ71QE71-B2 AJ71QE71N3-T A1SJ71QE71N3-T A1SJ71QE71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 × × × × × × × × × × × × × × × × × ×	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model Bus CNC C70 0173NCCPU C6/C64 FCA C64 ¥1 Supported by G116 and G115 only. *2 When MELSECNET/H is used in NET remote I/O station. *3 CC-Link (ID): Connected as CC-Link x *4 Use NC system software version D0 0 *5 Only a USB interface is available on t	 *1: When using an A series Ethern device ranges within AnACPU supported except for the follow Devices that have been newl Devices that have been newl Latch relay (L) and step relay (in the QnACPU, the latch relay (In the QnACPU, the latch relay or step relay is sp. The relay or step relay is sp. File register (R) to monitor Mitsubishi CNC C70 at Connection configuration Connection configuration Connection configuration Intelligent MELSEC MELSEC CC-Link 1 Intelligent device station). or later. t/10 mode, the GOT terminal cannot be (intelligent device station). or later. time OTPUCPU. ia RS-232 of the QCPU of a multi-CPU tion	I specifications are wing devices. Iy added to the QnACPU y (S) the internal relay (M), but the accessed when either the specified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series) Inverters The GOT Model name FREQROL-5500/S500E FREQROL-F500J FREQROL-F500J FREQROL-6500/S500L FREQROL-6500/S500L FREQROL-6500/S500L FREQROL-7500 FREQROL-700 FREQROL-700 FREQROL-700 Series MELSERVO-J3 series M MELSERVO-J2-Super	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-8 AJ71E71N-8 T can be used to set p ne T can be used to set p ne B The GOT can be u Model name	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O O O O O O O O O O O O O O O O O	QJ71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X X X X X X X X X X X X X X X X X X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model Bus CNC C70 0173NCCPU %5 MELDAS MELDAS FCA C6 %2 When MELSECNET/H is used in NET %3 CC-Link (ID): Connected as CC-Link %4 *1 %3 CC-Link (ID): Connected as CC-Link %4 *2 %5 Only a USB interface is available on T The Q173NCCPU can be accessed v *6 *6 Indicates CC-Link IE network connect	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newt • Latch relay (L) and step relay (in the QnACPU, the latch re- are separate devices from th internal relay is nonetheless. • File register (R) to monitor Mitsubishi CNC C70 at Connection configuration (Computer MELSEC MELSEC CC-Link 1 *1 *1 *2 *1 *6 0 0 0 0 × × × ×4 × Conputer MELSEC MELSEC CC-Link 1 *1 *1 *2 *1 *6 0 0 × × × ×4 × T/10 mode, the GOT terminal cannot be (intelligent device station), or later. he 0173NCCPU. in RE-232 of the QCPU of a multi-CPU tion connected with MELLI	I specifications are wing devices. Iy added to the QnACPU y (S) the internal relay (M), but the accessed when either the specified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-6700 FREQROL-	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E eries) AJ71E71N-E T can be used to set p ne 6 The GOT can be u Model name IR-J3- T IR-J2S- CP IR-J2S- CP IR-J2M-P8A	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-T AJ71E71N-B5T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-B5T AJ71E71N-T AJ	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <td>QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S Series Model name Bus CPU direct CNC The GOT can be used their parameters. Series Model name Bus CPU direct CNC C70 Q173NCCPU \$\vee\$ F6A C66 \$\vee\$ 44 *11 Supported by Q116 and G115 only. *2 When MELSECNET/H is used in NET remote I/0 station. *3 CC-Link (ID): Connected as CC-Link *4 *4 Use NC system software version D0 0 *5 Only a USB interface is available on the Q173NCCPU can be accessed v *6 Indicates CC-Link IE network connect</td> <td> *1: When using an A series Ethern device ranges within AnACPU supported except for the follow Devices that have been newl Devices that have been newl Latch relay (L) and step relay in the QnACPU, the latch relay (In the QnACPU, the latch relay or step relay is sp. The relay or step relay is sp. File register (R) to monitor Mitsubishi CNC C70 at Connection configuration Connection configuration Connection configuration Connection configuration Connection configuration Connection configuration Connection configuration Connected with MELLI Connected with MELLI </td> <td>I specifications are ving devices. ly added to the QnACPU y (s) se internal relay (M), but the accessed when either the secified.) and C6/C64 and to set</td>	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S Series Model name Bus CPU direct CNC The GOT can be used their parameters. Series Model name Bus CPU direct CNC C70 Q173NCCPU \$\vee\$ F6A C66 \$\vee\$ 44 *11 Supported by Q116 and G115 only. *2 When MELSECNET/H is used in NET remote I/0 station. *3 CC-Link (ID): Connected as CC-Link *4 *4 Use NC system software version D0 0 *5 Only a USB interface is available on the Q173NCCPU can be accessed v *6 Indicates CC-Link IE network connect	 *1: When using an A series Ethern device ranges within AnACPU supported except for the follow Devices that have been newl Devices that have been newl Latch relay (L) and step relay in the QnACPU, the latch relay (In the QnACPU, the latch relay or step relay is sp. The relay or step relay is sp. File register (R) to monitor Mitsubishi CNC C70 at Connection configuration Connection configuration Connection configuration Connection configuration Connection configuration Connection configuration Connection configuration Connected with MELLI Connected with MELLI 	I specifications are ving devices. ly added to the QnACPU y (s) se internal relay (M), but the accessed when either the secified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71Ns AJ71E71N-E eries) AJ71E71N-E T can be used to set p ne T can be used to set p ne B T can be used to set p ne B B T can be used to set p ne B C D D D D D D D D D D D D D D D D D D	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71 AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT O O O O O O O O O O O O O O O O O O O	QJ71E71-B2 AJ71QE71-B2 AJ71QE71N3-T A1SJ71QE71N3-T A1SJ71QE71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 × × × × × × × × × × × × × × × × × ×	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model Bus CNC C70 0173NCCPU %5 MELDAS MELDAS FCA C6 %2 When MELSECNET/H is used in NET %3 CC-Link (ID): Connected as CC-Link %4 *1 %3 CC-Link (ID): Connected as CC-Link %4 *2 %5 Only a USB interface is available on T The Q173NCCPU can be accessed v *6 *6 Indicates CC-Link IE network connect	 *1: When using an A series Ethern device ranges within AnACPU supported except for the follow - Devices that have been newt - Devices - Devices	I specifications are ving devices. ly added to the QnACPU y (s) slay (L) and step relay (S) e internal relay (M), but the accessed when either the
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-6700 FREQROL-	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E eries) AJ71E71N-E T can be used to set p ne 6 The GOT can be u Model name IR-J3- T IR-J2S- CP IR-J2S- CP IR-J2M-P8A	N3-T N-B5 N-B2 3-T B5 B2 parame	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-T AJ71E71N-B5T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-B5T AJ71E71N-T AJ	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <td>QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name Bus CPU dred connection connection CNC C70 0173NCCPU VELDAS FCA C64 X 41 Supported by GT16 and GT15 only. *12 When MELSECNET/H is used in NET remote I/O station. *32 CC-Link (ID): Connected as CC-Link *44 Use NC system software version D0 *55 Only a USB interface is available on the The Q173NCCPU can be accessed vite in dicates CC-Link IE network connection *56 Indicates CC-Link IE network connection COLINE USABLE WHEN CO For MELSECNET/10 con Series Series</td> <td>*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newd • Dational step relay (in the CnACPU, the latch re- are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC COLINK *11 *1 *2 *1 *6 Connection configuratio *12 *1 *1 *1 *2 *1 *1 *1 *2 *1 *6 Connected with MELSEC (intelligent device station). or later. the O173NCCPU. iva RS-232 of the QCPU of a multi-CPU tion Connected with MELSEC MELSECNET/H (NET/10 mode), Optical loop</td> <td>I specifications are wing devices. by added to the QnACPU y (s) slay (L) and step relay (S) ie internal relay (M), but the accessed when either the secified.) and C6/C64 and to set</td>	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S CNC The GOT can be used their parameters. Series Model name Bus CPU dred connection connection CNC C70 0173NCCPU VELDAS FCA C64 X 41 Supported by GT16 and GT15 only. *12 When MELSECNET/H is used in NET remote I/O station. *32 CC-Link (ID): Connected as CC-Link *44 Use NC system software version D0 *55 Only a USB interface is available on the The Q173NCCPU can be accessed vite in dicates CC-Link IE network connection *56 Indicates CC-Link IE network connection COLINE USABLE WHEN CO For MELSECNET/10 con Series Series	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newd • Dational step relay (in the CnACPU, the latch re- are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC COLINK *11 *1 *2 *1 *6 Connection configuratio *12 *1 *1 *1 *2 *1 *1 *1 *2 *1 *6 Connected with MELSEC (intelligent device station). or later. the O173NCCPU. iva RS-232 of the QCPU of a multi-CPU tion Connected with MELSEC MELSECNET/H (NET/10 mode), Optical loop	I specifications are wing devices. by added to the QnACPU y (s) slay (L) and step relay (S) ie internal relay (M), but the accessed when either the secified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series Metion controller CPU (A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-6700	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E eries) AJ71E71N-E T can be used to set p ne b C The GOT can be u Model name IR-J3- A IR-J2S- A IR-J2S- CP IR-J2M-DU	N3-T N-B5 V-B2 3-T B5 B2 parame R1	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-T AJ71E71N-B5T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-T AJ71E71N-B5T AJ71E71N-T AJ	QJ71E71-B2 AJ71QE71-B5 AISJ71QE71N3-T AISJ71QE71N3-T AISJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S ISD The GOT can be used their parameters. CINC The GOT can be used their parameters. Series Model Bus CNC C70 0173NCCPU \$\$ CB/C64 FCA C64 \$\$ V#LDAS FCA C64 \$\$ V=1 Supported by G116 and G115 only. \$\$ CB/C64 FCA C64 \$\$ V=1 Use NC system software version D0 \$\$ S1 <onjy a="" accessed="" available="" be="" can="" d0<="" interface="" is="" on="" q173nccpu="" td="" the="" to="" usb="" version=""> \$\$ S1<onjy a="" accessed="" available="" be="" can="" d0<="" interface="" is="" on="" q173nccpu="" td="" the="" to="" usb="" version=""> \$\$ S1<onjy a="" accessed="" available="" be="" can="" d0<="" interface="" is="" on="" q173nccpu="" td="" the="" to="" usb="" version=""> \$\$ S1<onjy a="" accessed="" available="" be="" can="" d0<="" interface="" is="" on="" q173nccpu="" td="" the="" to="" usb="" version=""> \$\$ S1 <td< td=""><td>*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newd • Dational step relay (in the CnACPU, the latch re- are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC COLINK *11 *1 *2 *1 *6 Connection configuratio *12 *1 *1 *1 *2 *1 *1 *1 *2 *1 *6 Connected with MELSEC (intelligent device station). or later. the O173NCCPU. iva RS-232 of the QCPU of a multi-CPU tion Connected with MELSEC MELSECNET/H (NET/10 mode), Optical loop</td><td>I specifications are ving devices. ly added to the QnACPU y (s) slay (L) and step relay (S) e internal relay (M), but the accessed when either the</td></td<></onjy></onjy></onjy></onjy>	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newd • Dational step relay (in the CnACPU, the latch re- are separate devices from th internal relay is nonetheless is latch relay or step relay is sp • File register (R) to monitor Mitsubishi CNC C70 a GT16/GT15/GT11 Connection configuratio Computer MELSEC MELSEC COLINK *11 *1 *2 *1 *6 Connection configuratio *12 *1 *1 *1 *2 *1 *1 *1 *2 *1 *6 Connected with MELSEC (intelligent device station). or later. the O173NCCPU. iva RS-232 of the QCPU of a multi-CPU tion Connected with MELSEC MELSECNET/H (NET/10 mode), Optical loop	I specifications are ving devices. ly added to the QnACPU y (s) slay (L) and step relay (S) e internal relay (M), but the accessed when either the
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E AJ71E71N AJ71E71N AJ71E71N AJ71E71N AJ71E7	N3-T N-B5 V-B2 B5 B2 parame R8 Used to s	AJ71QE71N-T AJ71QE71N-B5T AJ71E71N-B5T AJ	QJ71E71-B2 AJ71QE71-B5 AISJ71QE71N3-T AISJ71QE71N3-T AISJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S QUITET A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S QUITET A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S QUITET A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S QUITET B1S QUITET QUITET QUI	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newd • Dations that have been newd • Latch relay (L) and step relay (In the CnACPU, the latch relay or step relay is sp. in intermal relay is nonetheless is intermal relay is nonetheless computer MELSEC MELSEC COL CC 70 at the monitor Mitsubishi CNC C70 at the SEC MELSEC COL IN NELT NET/10 NET/14 NET/16 VET/16 VET/14 NET/16 VET/16 VET/14 NET/16 VET/16 VE	I specifications are wing devices. by added to the QnACPU y (s) slay (L) and step relay (S) ie internal relay (M), but the accessed when either the secified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 MELSERVO-J2-Super M MELSERVO-J2M series M M	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E AJ71E71N AJ71E71N AJ71E71N AJ71E71N AJ71E7	N3-T N-B5 V-B2 B5 B2 parame R8 Used to s	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O O O O O O O O O O O O O O O O O	QJ71E71-B2 AJ71QE71-B5 AISJ71QE71N3-T AISJ71QE71N3-T AISJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S QCNC The GOT can be used their parameters. Series Model name Bus CPU dred connection connection CNC C70 0173NCCPU C8/C64 FCA C64 X = 12 When MELSECNET/H is used in NET remote I/O station. X = 32 CC-Link (ID): Connected as CC-Link X = 100 ya USB interface is available on the The Q173NCCPU can be accessed vistor Station the Context connection X = 100 ya USB interface is available on the CO For MELSECNET/10 con X = 100 ya USB interface is available on the CO For MELSECNET/10 con Series MELDAS C6/C64 For CC-Link (ID) connect	*1: When using an A series Ethern device ranges within AnACPU supported except for the follow • Devices that have been newd • Dations that have been newd • Latch relay (L) and step relay (In the CnACPU, the latch relay or step relay is sp. in intermal relay is nonetheless is intermal relay is nonetheless computer MELSEC MELSEC COL CC 70 at the configuration Computer MELSEC MELSEC COLINK inter MELSEC MELSEC COLINK inter The NET/T NET/TO ELE (intelligent device station). or later. the OT3NCCPU. via RS-232 of the QCPU of a multi-CPU tion connected with MELEI interction MELSECNET/H (NET/10 mode), Optical loop FCU6-EX879 FCU6 tion </td <td>I specifications are wing devices. by added to the QnACPU y (s) seave (L) and step relay (S) is intermediate (M), but the accessed when either the exectified.) and C6/C64 and to set</td>	I specifications are wing devices. by added to the QnACPU y (s) seave (L) and step relay (S) is intermediate (M), but the accessed when either the exectified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-6700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 FREQROL-700 MELSERVO-J2-Super M MELSERVO-J2M series M M	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-8 AJ71E71N-	N3-T N-B5 N-B2 Parame parame used to s	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT S-422 O O O O O O O O O O O O O O O O O O	QJ71E71-B2 AJ71QE71-B5 AISJ71QE71N3-T AISJ71QE71N3-T AISJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B2-S A1SJ71E71N-B5T A1SJ71E71-B2-S Series Model mme Bus CPU direct CNC 10 arme weeter CNC C70 0173NCCPU \$\$ MELDAS FCA C6 \$\$ C60C64 FCA C64 \$\$ *11 Supported by G116 and G115 only. \$\$ C60C64 FCA C64 \$\$ *2 When MELSECNET/H is used in NET remote I/O station. \$\$ *3 CC-Link (ID) connected as CC-Link \$\$ Mathematical Schert H is used in NET remote I/O station. \$\$ \$\$ *4 Use NC system software version D0 0 \$\$ \$\$ *5 Only a USB interface is available on to To The Q173NCCPU can be accessed vefee \$\$ #013NLCPU can be accessed vefee \$\$ \$\$ #013NLCPU can be accessed vefee	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Devices that have been newl • Latch relay (J) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 3: iatch relay (J) and step relay is spi- ether are separate devices from th internal relay is nonetheless. 3: iatch relay (J) and step relay is spi- ether are separate devices from th internal relay is nonetheless. 4: GT16/GT15/GT11 Connection configuration internal relay is nonetheless. Computer MELSEC MELSE CC-Link internal relay is nonetheless. Computer MELSEC MELSE CC-Link internal relay is nonetheless. Computer MELSEC MELSE CC-Link internal relay is nonetheless. (Intelligent device station). or later. Connected with MELIC internal relay of the QCPU of a multi-CPU tion MELSECNET/H (NET/10 mode). Optical loop FCU6-EX879 MELSECNET/H (NET/10 mode). Optical loop FCU6-EX879	I specifications are wing devices. by added to the QnACPU y (s) seave (L) and step relay (S) is intermediate (M), but the accessed when either the exectified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-QnA series MELSEC-QnA series MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A series Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500 FREQROL-5500 FREQROL-5500 FREQROL-5500 FREQROL-5500 FREQROL-5700 FREQROL-700 FR	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E AJ71E71N-E T can be used to set p T can be use	N3-T N-B5 V-B2 B5 B2 parame R1 Used to s R1 Control Control Co	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT Set parameters ar GT16/GT15// Set parameters ar GT16/GT15// Set parameters. C C C C C C C C C C C C C	QJ71E71-B2 AJ71QE71-B5 AISJ71QE71N3-T AISJ71QE71N3-T AISJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S ISJ71E71N-B5T ISJ71E71-B2-S ISJ72E7 ISS	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Devices that have been newl • Latch relay (J) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 4: Internal relay is nonetheless. 4: Internal relay is nonetheless. 5: Internal relay is nonetheless. 6: Internal relay is nonetheless. 7: Internal relay is nonetheless. 7: Internal relay is nonetheless. 6: Internal relay. 6: Internal relay. 7: Internal relay. 7: Internal relay. 7: Internal relay. 7: Internal relay. 8: Internal relay.	I specifications are wing devices. by added to the QnACPU y (s) seave (L) and step relay (S) is intermediate (M), but the accessed when either the exectified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-Q series (Q mode MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5500J FREQROL-5700 FREQRO	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E eries) AJ71E71N-E T can be used to set p ne Can be used to set p ne Con can be used to set p ne Connet Connet Connet MELSI	N3-T N-B5 N-B2 Parame parame R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T O O O O O O O O O O O O O O O O O O O	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B2-S A1SJ71E71N-B5T A1SJ71E71-B2-S Series Model mme Bus CPU direct CNC 10 arme weeter CNC C70 0173NCCPU \$\$ MELDAS FCA C6 \$\$ C60C64 FCA C64 \$\$ *11 Supported by G116 and G115 only. \$\$ C60C64 FCA C64 \$\$ *2 When MELSECNET/H is used in NET remote I/O station. \$\$ *3 CC-Link (ID) connected as CC-Link \$\$ Mathematical Schert H is used in NET remote I/O station. \$\$ \$\$ *4 Use NC system software version D0 0 \$\$ \$\$ *5 Only a USB interface is available on to To The Q173NCCPU can be accessed vefee \$\$ #013NLCPU can be accessed vefee \$\$ \$\$ #013NLCPU can be accessed vefee	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Devices that have been newl • Latch relay (J) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 4: Internal relay is nonetheless. 4: Internal relay is nonetheless. 5: Internal relay is nonetheless. 6: Internal relay is nonetheless. 7: Internal relay is nonetheless. 7: Internal relay is nonetheless. 6: Internal relay. 6: Internal relay. 7: Internal relay. 7: Internal relay. 7: Internal relay. 7: Internal relay. 8: Internal relay.	I specifications are wing devices. by added to the QnACPU y (s) seave (L) and step relay (S) is intermediate (M), but the accessed when either the exectified.) and C6/C64 and to set
CPU series MELSEC-Q series (Q mode MELSEC-Q series (Q mode MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5700 FREQROL-5700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-550/M MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-30 Series MELSERVO-30 Series MELSERVO-30 Series MELSERVO-30 Series MELSERVO-30 Series FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-7500 FREQROL-7500 FREQ	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N AJ71E71N-E AJ	N3-T N-B5 V-B2 Parame parame R3 Used to s R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT Set parameters ar GT16/GT15// CS-422 Set parameters ar GT16/GT15// CS-422 Set parameters ar CT16/GT15// CS-422 Set parameters ar CS-422 Set parameters ar CS-422 Set parameters ar CS-422 Set parameters ar CS-422 Set parameters ar CS-422 Set parameters ar Set paramet	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 ×	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B2-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S ISJ71E71N-B5T ISJ71E71-B2-S ISJ72E7 ISS	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Devices that have been newl • Latch relay (J) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 4: Internal relay is nonetheless. 4: Internal relay is nonetheless. 5: Internal relay is nonetheless. 6: Internal relay is nonetheless. 7: Internal relay is nonetheless. 7: Internal relay is nonetheless. 6: Internal relay. 6: Internal relay. 7: Internal relay. 7: Internal relay. 7: Internal relay. 7: Internal relay. 8: Internal relay.	I specifications are wing devices. If y added to the QnACPU (y (s) using the internal relay (M), but the accessed when either the ecoffield.) and C6/C64 and to set The CC-Link CC-Link Ethernet (ID) (via C4) # 1 * 1 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CPU series MELSEC-Q series (Q mode MELSEC-Q series (Q mode MELSEC-Q series (A mode MELSEC-A series Motion controller CPU (A se Inverters The GOT Model nam FREQROL-5500/S500E FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5700 FREQROL-5700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7700 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-7500 FREQROL-550/M MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-J2 Series MELSERVO-30 Series MELSERVO-30 Series MELSERVO-30 Series MELSERVO-30 Series MELSERVO-30 Series FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-5500/FREQROL-7500 FREQROL-7500 FREQ	e) QJ71E71-10 AJ71QE71N AJ71QE71N AJ71QE71N AJ71QE71N a) AJ71E71N-E AJ71E71N-E AJ71E71N-E T can be used to set p ne Can be use	N3-T N-B5 V-B2 Parame B5 B2 Parame R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1	AJ71QE71N-T AJ71QE71N-B5T AJ71QE71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71N-B5T AJ71E71-S3 eters and display GT16/GT15/GT Set parameters ar GT16/GT15// Set parameters ar GT16/GT15// Set parameters. Set parameters. 15/GT11 configuration SEC CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link (CC-Link CC-Link (CC-Link CC-Link (CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link CC-Link (CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link CC-Link CC-Link CC-Link CC-Link CC-Link (CC-Link CC-Link	QJ71E71-B2 AJ71QE71-B5 A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 alarms. 11/GT10 RS-232 X <td>QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S ISJ71E71N-B5T A1SJ71E71-B2-S ISUPORTEDS</td> <td>*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Devices that have been newl • Latch relay (J) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 3: iatch relay (J) and step relay is spi- to monitor Mitsubishi CNC C70 at Computer NET/H NET/10 E Computer NET/H NET/10 E E 0: 0: 2: 2: 1: *11 *1 *2 *1 *6 0: 0: 2: 2: 2: 2: 1: *11 *1 *2 *1 *6 0: 0: 2: 2: 2: 2: 2: 2: 4: 1: 1: 1: 1: 1: 1: 1: 2: 2: 4: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:</td> <td>I specifications are wing devices. If y added to the QnACPU (y (s) using the internal relay (M), but the accessed when either the ecoffield.) and C6/C64 and to set The CC-Link CC-Link Ethernet (ID) (via C4) # 1 * 1 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>	QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71-B5 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71QE71-B2 A1SJ71QE71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-T A1SJ71E71-B5-S A1SJ71E71N-B5T A1SJ71E71-B2-S ISJ71E71N-B5T A1SJ71E71-B2-S ISUPORTEDS	*1: When using an A series Ether device ranges within AnACPU supported except for the follow • Devices that have been newl • Devices that have been newl • Latch relay (J) and step relay (In the QnACPU, the latch re are separate devices from th internal relay is nonetheless. 3: internal relay is nonetheless. 3: internal relay is nonetheless. 3: iatch relay (J) and step relay is spi- to monitor Mitsubishi CNC C70 at Computer NET/H NET/10 E Computer NET/H NET/10 E E 0: 0: 2: 2: 1: *11 *1 *2 *1 *6 0: 0: 2: 2: 2: 2: 1: *11 *1 *2 *1 *6 0: 0: 2: 2: 2: 2: 2: 2: 4: 1: 1: 1: 1: 1: 1: 1: 2: 2: 4: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	I specifications are wing devices. If y added to the QnACPU (y (s) using the internal relay (M), but the accessed when either the ecoffield.) and C6/C64 and to set The CC-Link CC-Link Ethernet (ID) (via C4) # 1 * 1 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

*1 : Supported by GT16 and GT15 only. *2 : Supported only when MELSEONET/H is used in NET/10 mode. The GOT terminal cannot be connected to a remote I/O net. *3 : CC-Link (ID): Connected as CC-Link (intelligent device station). *4 : The CRnQ-700 can be accessed via RS-232 of the QCPU of a multi-CPU system. *5 : Indicates CC-Link IE network connection

62

		GT16/GT15/GT11									
		Connection configuration									
Controller name	Bus	CPU direct connection	Computer link	MELSEC NET/H *1	MELSEC NET/10 *1 *2	CC-Link IE *1 *5	CC-Link (ID) *1 *3	CC-Link (via G4)	Ethernet *1		
CRnQ-700	0	⊖ * 4	0	0	0	0	0	0	0		
CRnD-700	×	×	×	×	×	×	×	×	0		
			-	-							

To : When an expansion base is used, use A 166B.	
* : Applicable GOT varies depending on the conne	ction destination.
	et: All models (Use the built-in interface of the GOT main e: All models (Bus connection and network connection
when connected via ports other than abov	mounting a communication unit on the GOT main un
GT15 ··· When connected via RS-232	: All models (Use the built-in interface of the GOT main
When other than RS-232	: All models (Bus connection and network connection
	mounting a communication unit on the GOT main un

Ō

For Initial Adjustmen

Startup &

For Maintenance Personnel

GT10

Handy GOT

GT SoftGOT1000 Version2

iQ Platform

MEL

LSEC Process (+ GOT1000

List of Coni Models

List of connectable models

The GOT1000 series allows connection to Mitsubishi PLCs and a variety of other FA devices.

Mature Model name Separatese of Discursions of Discurs of Discursions of Discurs of				6	GT1 <u>6/G</u>	T1 <u>5/G</u>	F11/GT 1	0				0	GT16/G	T1 <u>5/G</u> 1	11 <u>/GT</u>	10				
Product of the image is a set of the image	Mar	nufacturer	Model name	Computer lin		CPU direc	t connection		Manuf	acturer	Model name		nk connection			n Et				
9*33.04 C/SI Order No				RS-422	RS-232	RS-422	2 RS-232	*9		1		RS-422	RS-232	RS-422	RS-232					
Norma Norma <th< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td><td>×</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>				_			×													
Product Optimization Control Contro Control Control <td></td> <td>SYSMAC CPM</td> <td></td> <td>$- \times$</td> <td></td> <td></td> <td></td> <td>-</td> <td>TOSHIBA</td> <td>TOmini conice</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		SYSMAC CPM		$- \times$				-	TOSHIBA	TOmini conice										
Note Note <th< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td>-</td><td>MACHINE</td><td>I Cmini series</td><td></td><td></td><td> ^</td><td></td><td>0</td><td></td></th<>				_				-	MACHINE	I Cmini series			^		0					
VPMARC 01 Cris		EVENAC COMIL			-			-				-								
9 9		SYSMAC CQM1H		_									-		1	╀				
		SVEMAC CIT		_			0					-								
		STSIVIAC CUT		_		H-702 (CPU2-07H)			H-702 (CPU2-07H)											
Note Code Code <th< td=""><td></td><td></td><td></td><td>_</td><td>0</td><td>\times</td><td></td><td colspan="2"></td><td>-</td><td></td><td></td><td></td><td></td></th<>				_	0	$ \times$				-										
NON STANC COM COM<		SYSMAC CP1		_			×			-			0*3	×	0					
Norma Stand Stand <th< td=""><td></td><td></td><td></td><td>- 0</td><td></td><td></td><td></td><td>-</td><td>30</td><td>Series</td><td></td><td>-</td><td></td><td></td><td></td><td></td></th<>				- 0				-	30	Series		-								
Image: contract		SVSMAC a					0					-								
Symuch CS Exist Control	BON						×	×				-								
SYMAC CS1 CS1 CS1 CS1 CS																+				
Image: chick Construct		SYSMAC CS1										-								
SYMAC CV00 CV CV CV CV <thc< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>H-200 to 252</td><td></td><td>1</td><td></td><td></td><td></td><td></td></thc<>										H-200 to 252		1								
SYMACC OVINIC N X X X X							0					+ ×	×	×	0					
CMILOY COM X X X X </td <td></td> <td>SYSMAC</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td>Hitachi</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td>		SYSMAC					0		Hitachi			1								
Image: content in the second				⊢ ×	x							1								
COUNT COUNT <th< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>t</td></th<>				-											1	t				
COOHE COOHE <th< td=""><td></td><td></td><td></td><td>1</td><td></td><td></td><td>()*2</td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td></td><td>1</td><td></td></th<>				1			()*2	1				1			1					
$ \ \ \ \ \ \ \ \ \ \ \ \ \ $						1		1				1			1					
				1 _		×						1								
COUNCI- NEWORCE COUNCI- NE				70			×			H series		1								
PENCE NV:100 NV:100 </td <td></td> <td>1 ×</td> <td> ×</td> <td> ×</td> <td>0</td> <td></td>												1 ×	×	×	0					
VESOE V <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td>												1								
VEADE VI-300 V V X X X NY-500 NY-500 N X		_	KV-1000				0				H-64DT	1								
KOSTAC U series SU-SE SU-SM SU-S	YENCE	-	KV-3000								HL-40DR									
$ \ \ \ \ \ \ \ \ \ \ \ \ \ $			KV-5000				×	1			HL-64DR									
series UU-M U-M O O O O O O N <th< td=""><td></td><td>SU-5E</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>EH-CPU104</td><td></td><td></td><td></td><td></td><td></td></th<>		SU-5E								EH-CPU104										
Series SUSM Support Su		KOSTAC SU	SU-6B				_				EH-CPU208				_					
PZ series PZ s X X Q X X Q Q X X Q Q X X Q Q X Q Q X Q Q X Q X Q X Q X Q X Q X Q X Q X Q X Q X Q X Q X Q X Q X Q X Q Q Q Q Q Q X Q X Q X Q Q Q Q Q X Q X Q Q Q Q X Q X Q X Q Q Q Q Q X Q <t< td=""><td rowspan="3">series</td><td>SU-5M</td><td></td><td></td><td></td><td>0</td><td></td><td></td><td>EH-150 series</td><td>EH-CPU308</td><td>1 ×</td><td> ×</td><td></td><td>0</td><td></td></t<>	series	SU-5M				0			EH-150 series	EH-CPU308	1 ×	×		0						
DirectLOGIC 205 series D2:20 D:280 D:240 D:260 D:260 <th< td=""><td>SU-6M</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>EH-CPU316</td><td></td><td></td><td></td><td></td><td></td></th<>		SU-6M								EH-CPU316										
DirectLOGIC 205 series DirectLOGIC D2:280 DirectLOGIC D0:58A DirectLOGIC D0:58A DirectLOGIC D0:58D DirectLOGIC D0:59D Dir		PZ series	PZ3	×	×	0	0	×		0.01	LQP510			$\uparrow \circ$						
205 sories Do:250-1 C C C C X Do:56A Do:56A Do:56A Do:56A Do:56A Do:56A Do:56A Do:56A Do:56B Do:56B Do:56B Do:56B Do:56D Do:56D<		D: 11 0 010	D2-240			×				S10V	LQP520	-								
D2:260 D2:260 D <th< td=""><td></td><td></td><td>D2-250-1</td><td></td><td>0</td><td></td><td></td><td>×</td><td></td><td>LQP800</td><td></td><td></td><td> </td><td></td></th<>			D2-250-1		0			×			LQP800									
D0-05AR D0-05AR D0-05AR D0-05AR D0-05AR D0-05D		205 series	D2-260						Hitachi	FA			0	0		×				
Do			D0-05AA						*1		LQP010	- ~								
DD DirectL/OGIC D0-05DD-D D0-05DD-T D0-05D-T D0-05D-T D0-05D-T D0-05D-T D0-05D-T D0-05D-T <			D0-05AD								LQP011	1								
DO-GOD D DO-GOD D DO-GOD D DO-GOD D Processor P			D0-05AR								LQP120									
INDURS D0 680D0 - D0 680D0 - Processor Processor <t< td=""><td>0</td><td>DirectLOGIC</td><td>D0-05DA</td><td></td><td></td><td></td><td></td><td></td><td></td><td>F55</td><td></td><td></td><td></td></t<>	0	DirectLOGIC	D0-05DA								F55									
Image: bold SDR - D DO-050R - D Hads FH405 FH405 Hads	TRONICS	05 series	D0-05DD						Fuji Electric FA		F70									
$ \begin{array}{ $	ISTRIES		D0-05DD-D						Components				0	×	×	×				
Image: Document of the constraint of the co			D0-05DR						& Systems		F140S									
DirectLOGIC D0 66002 D0 66001-0 D0 66001-0 D0 66001-0 D0 66002-0 00 66002-0 0 00 66002-0 0 00 66002-0 0 00 66002-0 0 00 66002-0 0 00 66002-0 0 00 66002-0 0 0 0 50004 0 00 66002-0 0 0 0 50004 0 0 0 5000 0 0 0 5000 0 0 0 5000 0 0 0 0 0 0 0 0 0 0 0 0			D0-05DR-D						*1		F15_S									
DirectLOGIC 00 series DirectLOGIC DoBOA DOBOA DOBOA DOBOA DOBOA DOBOA DOBOA DOBOD2-D DOBO			D0-06DD1								FP0-C16CT									
DirectLOGIC 06 series Do cobA Do cobA Do cobD - Do cobD - DD cobD - DO cobD - JW 32CUH JW 100CUH JW 10CUH JW 10CUH JW 10CH JW 10CH JW 1			D0-06DD2								FP0-C32CT				0					
Direct.Odsic 06 series Do-06AR Do-06A O × × × × FP2 FP3 × × × × × × FP3 × × × × FP3 × <td></td> <td></td> <td>D0-06DR</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>FP1-C24C</td> <td></td> <td></td> <td rowspan="2">×</td>			D0-06DR								FP1-C24C			×						
06 series D0-06AA D0-06D1-D D0-06DD2-D D0-06DD2-D 0 0 0 0 ×		Directl OGIC	D0-06DA								FP1-C40C									
B0-06BA B0-06D2-D B0-06D2-D Matsushita Electric Works FP3 X X X JW-21CU D0-06DP-D O X X X FP10 (5) FP10 (5) <td></td> <td></td> <td></td> <td></td> <td>\circ</td> <td>$$ \circ</td> <td>0</td> <td> ×</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					$ \circ $	$ $ \circ	0	×												
Image:			D0-06AA																	
Image: Do-06D2-D Do-06D2-D Image: Do-06D2-D									Matsushita Ele	ectric Works	FP3			×	0					
JW-21CU JW-31CUH O X X X JW-31CUH JW-31CUH O X X X FP-M (C20TC) X X X JW-32CUH JW-32CUH JW-32CUH FP-X O O X X FP-X O O JW-30CUH JW-100CU X X Image: State of the stat									matodonna En	FP5			Ŭ							
JW-31CUH ○ X				_				L				4			1					
Image: here in the image: here in																-				
JW-22CU JW-32CUH				$+$ $^{\circ}$	×	×	×					·			1					
JM-322CU JM-32CUH JM-32CUH Image: product of the state of the sta				_	<u> </u>	<u> </u>		4				+ ×	×	×	0					
AHP JW-33CUH JW-33CUH JW-33CUH JW-10CUH JW-100CUH JW-100CUH JW-100CU JW-10CU JW-1				_										-	-					
JM-33CUH O X 0+3 JW-70CUH JM-10CUH C C JM-10CUH Z-512J X X Z-512J X X 0+3 PC3J8 TIC-6088 O 0+4 X 0+4 PC3J TIC-5783 O 0+4 X 0+4 PC3J TIC-5783 O 0+4 X 0+4 PC3J TIC-5783 O 0+4 X 0+4 PC3J TIC-5763 O 0+4 X 0+4 PC3J TIC-5764 X 0+4 X 0+4 THC-2764 THC-5053 X X 0+4 T2 (PU224) T X X 0 T2 (PU224) X X 0 0 0	ARP			_				X					$\downarrow \circ$	L		+				
JM-700CUH JM-100CUH IIIC-6008 IIIC-				-	x		⊖*3					-	×		0					
JW-100CU X X Image: mark with a constraint of the constraint of				-								-	<u> </u>	I .	<u>ل</u>	4				
Z-512J X X 083 FOYOPUC series PC3JG TIC-6088 TIC-5125 0 0#4 X 0#4 PC3J TIC-5733 0 0#4 X 0#4 CP-9200SH X X X PC3J TIC-5733 0 0#4 0 0#4 X 0#4 PC2J THC-5169 THC-5169 THC-2764 THC-2994 THC-2603 A A 0#4 X				_										×	.					
PC3JG TIC-6088 O O#4 X							0.1	4				-	$ ^{\circ}$		×					
Image: Series PC3JG TIC-6125 Image: Series TIC-6125 Image: Series	_			×	⊢ ×		U*3	<u> </u>								+				
Image: File of the series I				- 0	0*4	×	O *4		(×		4	×			
FOYOPUC series PC3J TIC-5339 O			110-6125	۲Ŭ,	<u> </u>	<u> </u>		4							-	×	1	\vdash		
TOYOPUC series THC-5783 Image: Constraint of the series MP30 PC2J THC-5173			PC3	-	0*4	0	○*4		YASKAWA EI	ectric *10			$\downarrow \circ$	-	1	\vdash				
IOYOPUC series Int-5070 THC-5169 THC-5173 THC-2764 Int-5169 THC-5173 THC-2764 X X PROGIC-8 CP-9200 (H) CP-312 X X X Int-2764 THC-5053 X X X Int-2764 THC-5053 X X X Int-2764 THC-5053 X X X		TOVODUS	TIC-5783		-	<u> </u>	-	4				-	1	\vdash	0					
Series THC-5169 THC-5173 THC-2764 THC-2994 A X X X THC-2764 THC-5053 A X X X X T2 (PU224) O X	EKT			_			~ .	×								I		\vdash°	-	
PC2J THC-2764 CP-312 X THC-2994 X MP2200 X THC-5053 X		series		-			○*4					+ ×	×		1					
THC-2764 THC-2994 X MP2200 X THC-5053 X MP2300 0 X				- 0	0*4	*4 ×	C			-	1		L	+						
THC-5053 MP2300 T2 (PU224) O T2E			THC-2764	- Ŭ									I	×	1					
T1C-5053 MP2300 T2 (PU224) O T2F				_			×					0			×					
T2E				_							MP2300									
				_		$ $ \circ	×													
PBOSEC ()8		PROSEC		_			()*3													
T series T3 X X OUT				_ ×	×			1												

				GT16/G			
Ma	nufacturer	Model name	Computer lin	nk connection	CPU direct	connection	Etherne
			RS-422	RS-232	RS-422	RS-232	connecti * 9
	FA500	FA500	() *3	×	×	×
		F3SP05	0			0	0
		F3SP08					
		F3SP10	×				
		F3SP20	4			×	×
		F3SP30	4				
		F3FP36	4		×		
		F3SP21	-	0			
Yokogawa	FA-M3	F3SP25 F3SP35	$+ \circ $			×	
Electric		F3SP28	+				
*1		F3SP38	1				0
		F3SP53	1			$ \circ $	
		F3SP58	1				
		F3SP59	1				
		F3SP66	~	~	1		
		F3SP67	+ ×	×			
	STADDOM	NFCP100	×	×	×	0	0
	STARDOM	NFJT100					
		SLC500-20	-				
		SLC500-30					
		SLC500-40	4			○*1	
	SLC500 series *5	SLC5/01	- ×	×	×		×
		SLC5/02	-				
		SLC5/03	-				
		SLC5/04	-			0	
		SLC5/05 1761-L10BWA					
		1761-L10BWB	1				
		1761-L16AWA	1				
	MicroLogix 1000 series	1761-L16BWA	1				
		1761-L16BWB	1				
		1761-L16BBB	× ×		×	0	
	(digital CPU)	1761-L32AWA					
		1761-L32BWA		×			×
		1761-L32BWB					
		1761-L32BBB					
		1761-L32AAA					
	MicroLogix 1000 series	1761-L20AWA-5A					
Allen-Bradley	(analog CPU)*5 *6 *7	1761-L20BWA-5A	-				
(Rockwell	MicroLogix 1200 series *5	1761-L20BWB-5A 1762-L24BWA	-				
Automation,	MicroLogix 1200 series *5	1762-L24BWA	1				
Inc)		1756-L					
		1756-L1M1	1				
		1756-L1M2	1				
		1756-L1M3]				
		1756-L61					
		1756-L62	1				
	ControlLogix series	1756-L63	- ×	×	×	() *1	0
		1756-L55M12					-
		1756-L55M13	-				
		1756-L55M14	-				
		1756-L55M16 1756-L55M22	-				
		1756-L55M22 1756-L55M23	1				
		1756-L55M24	1				
		1769-L31					×
		1769-L32E	1				Ô
	CompactLogix series	1769-L32C	1 ×	×	×	() *1	×
		1769-L35E	1			-	0
		1769-L35CR	1				×
			-		1		
	FlexLogix series	1794-L33	- ×	×	×	()*1	X

model 3000 (S3)

V series

model 2000 (S2) model 2000 (S2T)

×

× 0 ×

Computer li RS-422	nk connection			Ethernet connection *9 ×				
•		×	×	*9				
	0			×				
	0			×				
	0	0	0	×				
		0	0	×				
		0	0					
°		×	×	×				
		0						
	+							
		×						
×	×			× × ×				
			0					
		0						
	0							
— Ť								
			×					
			0					
			-					
— ×	×	×	×					
				*11				
—		_		_				
\neg								
	 • • • × × 							

65

Modules usable when connected with a third party computer link and Ethernet modules

	Manufacturer	RS-422	RS-232	Ethernet	
,	OMRON	C200H-LK202-V1 C500-LK201-V1 CQM1-SCB41 CJ1W-SCU41 CJ1W-SCU41 CS1W-SCB41 C200HW-COM03 C200HW-COM06	C200H-LK201-V1 C500-LK201-V1 C51W-SCU21 C51W-SCB21 C51W-SCB21 CJ1W-SCU21-V1 CJ1W-SCU21-V1 CJ1W-SCU21-V1+CP1W-EXT01 CJ1W-SCU21-V1+CP1W-EXT01		Fu FA Co & S
	Host link unit/ communication unit/ communication board	CP1W-CIF11	C200HW-COM02 C200HW-COM05 C200HW-COM05 CQM1-CIF01 CQM1-CIF01 CQM1-CIF02 CQM1-SCB41		Ma Co
			CPM1-CIF01 CPM2C-CN111 CPM2C-CIF01-V1 CP1W-CIF01		YA Mi co
	KEYENCE Multi-communication unit	KV-L20R KV-L20 KV-L20V	KV-L20R KV-L20 KV-L20V	—	
	KOYO ELECTRONICS INDUSTRIES Data communication module/ serial data communication module	U-01DM D2-DCM D0-DCM	U-01DM D2-DCM D0-DCM		Yo Pe Etl
	SHARP Link unit	JW-21CM JW-10CM ZW-10CM			Eth GE
	JTEKT Link unit	THU-2755 THU-2927 THU-5139			LS Sy
	Hitachi Industrial Equipment Systems Intelligent serial port module	COMM-H COMM-2H	COMM-H COMM-2H		Sc
	Hitachi Communication module	LQE565 LQE165	LQE560 LQE060 LQE160		Et

Ma	nufacturer	RS-422	RS-232	Ethernet
	RS-232C	_	NV1L-RS2	
	interface card			
FA	RS-232C/485	FFK120A-C10	FFK120A-C10	
Components	interface capsule			
& Systems	General interface	NC1L-RS4	NC1L-RS2	
	module	FFU120B	FFU120B	
		AFPX-COM3	AFP2462 AFP3462	
Matsushita E	Electric Works		AFP3462 AFP5462	
	ommunication unit		AFPX-COM1	—
			AFPX-COM2	
			AFPX-COM4	01015
		JAMSC-120NOM27100 JAMSC-IE612	JAMSC-IF60 JAMSC-IF61	218IF 218IF-01
YASKAWA E		217IF	CP-217IF	21011 01
MEMOBUS		217IF-01	217IF	
communicati	ion module		217IF-01 218IF-01	
		LC02-0N	LC01-0N	F3LE01-5T
Vakagawa E	lastria	F3LC11-2N	LC02-0N	F3LE11-0T
Yokogawa E	nputer link module/		F3LC01-1N	F3LE12-0T
	arface module		F3LC11-1N F3LC11-1F	
			F3LC12-1F	
	Rockwell Automation, Inc.)			1756-ENBT
	mmunication module			
	utomation Corporation		IC693CMM311	
Communicat		IC697CMM711	IC697CMM711	
LS Industrial	Cnet communication	G7L-CUEC	G7L-CUEB	
Systems	Cnet communication	G6L-CUEC	G6L-CUEB	1
0,0.0.110	module	G4L-CUEA	G4L-CUEA	
				TSX ETY 4102
Schneider E	lectric SA			TSX ETY 5102
Ethernet unit				140 NOE 771 00
				140 NOE 771 10 140 NWM 100 0
				140 NWM 100 0

				16/GT15/GT	44				-01	16/GT15/GT	44
Mai	nufacturer	Model name	RS-485	RS-422	RS-232	Mar		Model name	RS-485	RS-422	RS-232
_	-	FEAN	RS-485	RS-422	RS-232		1	LITOOO	RS-485	RS-422	RS-232
		E5AN	-					UT320	-		
an pan	Thermac NEO	E5EN	0.0.1.1.1.1		0.10			UT321	-		
OMRON		E5CN	○(2-wire type) *1	×	○*2			UT350	-		
		E5GN	-					UT351	-		
	In-Panel NEO	E5ZN						UT420	-		
	ACS-13A series DCL-33A series	ACS-13A / , , C5						UT450 UT520	-		
	DCL-33A series	JCS-33A/M, _, C5						UT550	-		
	JC series	JCR-33A/, C5	(2-wire type) *1		○* 2		GREEN series	UT551	(2-wire type *1 /4-wire type)		
	JC series	JCD-33A/, C5	-					UT750			
	JCM-33A series	JCM-33A-	-					UP350			
	JOIN-JJA Series	FCR-13A/M, C						UP351	/4-wile type)		
		FCR-13A/M, C5	1					UP550	1		
	FCR-100 series	FCR-15A/M, C				Yokogawa		UP750		×	0*
		FCR-15A/M, C5						UM330			
		FCD-13A/M, C						UM331			
Shinko Technos		FCD-13A/M, C5	1 ×	×				UM350			
	FCD-100 series	FCD-15A/M, C						UM351			
		FCD-15A/M, C5		0.00			US1000	1			
	FOD 004 series	FCR-23A/M, C	1		○*4			UT130	(2-wire type) *1	-	
	FCR-23A series	FCR-23A/M, C5					UT100 series	UT150			
		PC935/M, C						UT152			
	PC-900 series	PC935/M, C5	(2-wire type) *1 × (2-wire type) *1 ×			U		UT155			
	F C-900 series	PC955/M, C						UP150			
		PC955/M, C5					UT2000 series	UT2400	(4-wire type)		
	PCD-300 series	PCD-33A/M, C5	C(z-wire type)	1			012000 361163	UT2800			
	FIR series	FIR-201-M, C	×				SR Mini HG series	H-PCP-J	(2-wire type) *1	0	0
		FIR-201-M, C5						H-PCP-A, H-PCP-B	×		-
	JIR-301-M series	JIR-301-M_, C5	○(2-wire type) *1		○* 2		SRZ series	Z-TIO, Z-DIO	(2-wire type)*1 *6	○*5	0*
	LT300 series	LT350, LT370	-			RKC	CB series	CB100	-		
	LT400 series	LT450, LT470	-	0	○ *2 *3	Instrument	(to MODBUS®	CB400	() (0 using trans) \$1	~	0.
CHINO	DZ1000 series DZ2000 series	DZ1000 *7 DZ2000 *7	(0 using trans) #1				communication	CB500 CB700	(2-wire type) *1	×	○*2
CHINO	LT230 series	LT230	○(2-wire type) *1				specification)	CB900	-		
	LT830 series	LT230	-	×	() * 2	11.0					
	GT120 series	GT120	-	^	0		by GT16 and GT15 on		- DO (00)		
		PXR PXR3/4/5/9						or GT15-RS4-TE. GT-1 5-RS4-9S is not applicab		plicable.	
Fuji Electric		PXG PXG4/5/9	(2-wire type) *1	×	* 2			ating controller is designed		the DC 000/D	2 495 oom
Systems	Controller X	PXH PXH9	C(z-wire type)	~	0		y the manufacturer.	aling controller is designed	eu 101 no-465, use	IIIe h3-232/h	5-405 CUIIV
		SDC20/21						ating controller is designe	ed for BS-422	the BS-232/B	S-422 conv
		SDC30/31	(4-wire type)				v the manufacturer.				
		SDC40A/40B/40G	~ (, mie (jpe)					S-232 serial communicati	ion function can be	connected	
YAMATAKE	SDC	SDC15		×	○* 2		munication extension m				
		SDC25/26			Ŭ			odule (Z-COM) depending	on the temperatur	e controller svst	em confiau
		SDC35/36	(2-wire type) *1					ts the MODBUS® commu			3
	DMC	DMC10	1		1						

Specifications

GT16

General specifications

	-									
Iter	n			Speci	fication					
Operating ambient	Display			0°C t	o 50°C					
temperature*1	Other than display	0°C to 55°C								
Storage ambien	t temperature		-20°C to 60°C							
Operating ambie	ent humidity			10 to 90%RH,	no condensation	1				
Storage ambient humidity				10 to 90%RH,	no condensation	l I				
				Frequency	Acceleration	Hal				
		Conforming	Under intermittent	5 to 9Hz	-					
Vibration resista	ince	to JIS B 3502 and	vibration	9 to 150Hz	9.8m/s ²					
		IEC 61131-2	Under continuous	5 to 9Hz	-					
			vibration	9 to 150Hz	4.9m/s ²					
Impact resistant	ce	Conforming t	o JIS B 3502 and I	EC 61131-2 (1	47m/s ² , 3 times	in ea				
Operating atmos	sphere			No corr	osive gas					
Operating altitud	de <mark>*</mark> 2			2000n	n or less					
Installation location	tion			In cont	rol panel					
Overvoltage cat	egory*3			Ιо	lower					
Contamination I	evel*4			2 o	r less					
Cooling method				Self-	cooling					
Grounding		T	ype D grounding (1	00Ω or less).	Connect to pane	l if ur				

Performance specifications

enc	Jimance	specifications		Fower supp	iy specifica			
		Specif	cation			Specif	fication	
	Item	GT1695M-XTBA GT1695M-XTBD	GT1685M-STBA GT1685M-STBD	Item	GT1695M-XTBA	GT1685M-STBA	GT1695M-XTBD	GT1685M-STB
	Туре	TFT color LCD (high-brigh	tness, wide viewing angle)	Input power supply voltage	100 to 240VAC	C (+10%, -15%)	24VDC (+2	5%, -20%)
	Screen size	15"	12.1"	Input frequency	50/60H	z ±5%	-	-
	Resolution	XGA: 1024 × 768 [dots]	SVGA: 800 × 600 [dots]	Input maximum	150VA	110VA		
	Display size	304.1(W) × 228.1(H)[mm]	246(W) × 184.5(H)[mm]	apparent power	(at max. load)	(at max. load)	-	-
	No. of displayed	16-dot standard font: 64 chars. × 48 lines (2-byte)	16-dot standard font: 50 chars. × 37 lines (2-byte)	Power consumption	64W or less	46W or less	60W or less	40W or less
Sienlau	characters	12-dot standard font: 85 chars. × 64 lines (2-byte)	12-dot standard font: 66 chars. × 50 lines (2-byte)	With backlight off	38W or less	32W or less	30W or less	26W or less
Display	Display colors	65,536	colors		26A c	or less	12A or less	11A or less
	View angle*2	Right/left: 75°, Up: 50°, Down: 60°	Right/left: 80°, Up: 60°, Down: 80°	Inrush current	(4ms, at r		(75ms, at max. load)	(40ms, at max. loa
	Intensity	450 [cd/m ²]	470 [cd/m ²]	Permissible instantaneous				
	Intensity adjustment	8-step ac		failure time	Within 20ms (1)	00VAC or more)	Within	10ms
		Approx. 52			Noise voltage 1500	/n-n_noise width 1us	Noise voltage 500V	n-n noise width 1
	Life	(operating ambient		Noise resistance		pise frequency 25 to 60Hz		
		Cold-cathode fluorescent tube (replaceab	e) with backlight OFF detection function		1500VAC for 1	minute between	500VDC for 1 r	ninute between
Backligh	t	Backlight off time and scr		Withstand voltage		minal and ground		minal and ground
		Approx. 50,000	hours or more				nsulation resistance	÷
	Life*3	(Time for display intensity reaches 50% a		Insulation resistance			supply terminal and g	
	Туре	Analog res		Applicable wire size	(****		2 [mm ²]	,
Touch	Key size	Min. 2 × 2 [do		Clamp terminal	Clamp termina		/1.25-3, V2-S3.3, V2-	N34 EV2-N34
panel	No. of simultaneous touch points	Simultaneous touch pro	- · · · · · · · · · · · · · · · · · · ·	Tightening torque (terminal	Gianip torrinina			
	Life	1,000,000 times or more (op		block's terminal screws)		0.5 to 0).8 [N·m]	
	Detection distance	1,000,000 times of more (0)		block b torminal boreway				
Human	Detection range	Right/left/up	-					
sensor	Detection delay time	· · · · ·		Comp	onent nar	nes		
5011501	-	0 to 4 Temperature difference to be 4°C or more						
	Detection temperature		,	GT1695/GT1685				
Memory	C drive	15MB built-in (for saving proje			switch			IODE installation switch
¢5	Life (Mar of containing and			10000				
	Life (No. of writings)	100,00		Extension unit in	terface		CF	card interface
D - H		GT15-BAT type		Extendion unit in	londoo		- Bat	tery holder
Battery	Backed up data	Clock data, maintenance time not		Video/RGB in	terface			
	Life	Approx. 5 years (operating a		Optional fu	nction			card access LED
		RS-23		board in	terface			
		Transmission speed: 115200/576 Connector shape:					CF CF	card access switch
	RS-232	Application: Communicatio					Dip	switch for setting
		connection to pe						ninal resistance
		(project data upload/download, OS i	nstallation, FA transparent function)	Human sensor -			(ins	ide cover)
		RS-422/-	485, 1ch					
	RS-422/485	Transmission speed: 115200/576						
	110-422/400	Connector shape						
		Application: Communication		POWER LED -		-	Dis	olay, touch key
		Data transfer system			4			
	Ethernet	Connector shape: R Application: Communication with co		USB interface -				
Built-in interface	Enomot	connection to pe		(device)	ЧШ / ШL			
intenace			installation, MES interface function)	USB interface - (host)				
		USB (full-speed 1	2Mbps), host 1ch	()			RS-	422/485 interface
		Connector sh	ape: TYPE-A		din		da-b	
		Application: Data tr	-	RS-232 interface -				
	USB	USB (full-speed 12		Ethernet interface -	/		Pov	ver supply terminal
		Connecter shap						
		Application: Connection (project data upload/download, OS i					to be lit) generally appe ible to reduce appearan	
		Compact flash slot, 1ch, C		black dots to zero.	ements exist on an Loi	D screen, it is not poss	ible to reduce appearan	ce of the bright and
	CF card	Application: Data transfer,			depending on the disp	lay colors.		
	Optional function board		· · · · · ·	Note that the existen	ice of bright and black	dots is a standard char	acteristic of LCD screer	is, and it does not
		1ch for optional funct			cts are defective or dar			
Buzzor	Extension unit	2ch for communication un Single tone (tone		*2 : LC panels have chai display may not be c	acteristics of tone reve lear enough depending		umin the indicated view	angles, the screen
Buzzer c		Single tone (tone		#3 : Using the GOT screet			een burn-in and extends	the backlight life
	e construction	JEM1030 Front: IP6	in panel: IP2X	*4 : An analog resistive t				
	dimensions USB port cover)	$397(W)\times296(H)\times61(D)[mm]$	$316(W) \times 242(H) \times 52(D)[mm]$	is located the middle	of the 2 points then th		ed. Therefore, avoid to	
<u>`</u>	t dimensions	383.5(W) × 282.5(H)[mm]	302(W) × 228(H)[mm]	screen simultaneous		ting of new data without	it having to doloto the e	visting data
	cl. mounting brackets)	5.0[kg]	2.7[kg]	*5 : The memory is a RC *6 : With the USB enviro			It naving to delete the e ily the portion marked ",	
	or mounting prackets)		2./[rg]		The USB interface conf			
<u> </u>	Saraan dagian coffware	GT Designer? Ver	aion 2 901 Lor later	IP6/f (JEM1030). (I	The USB Internace com	orms to IP2X (JEM103	u) when a USB cable of	a USB memory is
Applicable software packages	Screen design software Simulation software	GT Designer2 Vers GT Simulator2 Ver	sion 2.90U or later	connected.) Howeve	er, this does not guarar	ntee protection in all us		

DMC

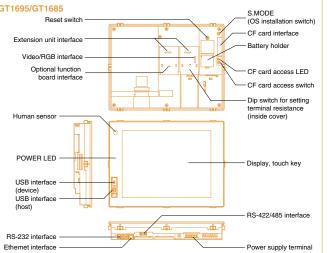
DMC10

	· · · · · · · · · · · · · · · · · · ·
f amplitude	Sweep count
3.5mm	10 times in
-	each of X,
1.75mm	Y and Z
-	directions
ch of X, Y a	nd Z directions)
	,
hable to gro	und.

*1 The maximum operating ambient temperature should be 5°C lower than that shown in the table on the left when connecting to a multimedia unit (GT16J/T1LP33-25 or GT15J/T1BH13), or CC-Link communication unit (GT15J/T1LP33-25 or GT15J/T1BH13), or CC-Link communication unit (GT15J/GT15J

Do not use or store the GOT under direct sun light or in an environment with excessively high temperature, dust, humidity or vibration.

Power supply specifications



Initial Startup & For Maintenance

GT10

Handy GOT

GT SoftGOT1000 Version2

iQ Platform

MEL

LSEC Process C + GOT1000

List of Connecta Models, etc.

Specifications

GT15

General specifications

Iter				Specif	ication				
Operating ambient	Display			0°C to	50°C				
temperature*1	Other than display			0°C to	o 55°C				
Storage ambien	t temperature	-20°C to 60°C							
Operating ambie	ent humidity*2	10 to 90%RH, no condensation							
Storage ambien	t humidity*2			10 to 90%RH, r	o condensation				
				Frequency	Acceleration	Half amplitude	Sweep count		
		Conforming to JIS B 3502	Under intermittent	5 to 9Hz	-	3.5mm	10 times in		
Vibration resista	ance*3	and IEC 61131-2	vibration	9 to 150Hz	9.8m/s ²	-	each of X, Y and Z directions		
			Under continuous vibration	5 to 9Hz	-	1.75mm			
				9 to 150Hz	4.9m/s ²	-			
Impact resistant	се	Conforming to JIS B 3502 and IEC 61131-2 (147m/s ² , 3 times in each of X, Y and Z directions)							
Operating atmos	sphere			No corro	sive gas				
Operating altitud	de <mark>*</mark> 4			2000m	or less				
Installation locat	tion			In contr	ol panel				
Overvoltage cat	egory*5			∏ or	lower				
Contamination I	evel <mark>*</mark> 6			2 or	less				
Cooling method				Self-c	Self-cooling				
Grounding		Ту	/pe D grounding (1	00Ω or less). C	Connect to pane	l if unable to gro	und.		

: The maximum operating ambient temperature should be 5°C lower than that shown in the table on the left when connecting to a

- MELSECNET/H communication unit (GT15-J71LP23-25 or GT15-J71BR13), or CC-Link communication unit (GT15-J61BT13). #2 : Water bulb temperature for STN display type must be 39°C or lower. #3 : Refer to the Communication Unit User's Manual for vibration resistance specifications when using the MELSECNET/10 communication unit (GT15-75J71LP23-Z or GT15-75J71BR13-Z) or CC-Link communication unit (GT15-75J61BT13-Z). (The specifications of communication units are
- different from those of the GOT main unit.) *4 : Do not operate or store the GOT unit in pressurized environments where the pressure exceeds the 0m elevation atmospheric pressure, as this
- could result in abnormal operation. *5 : Assuming that the device is connected at some point between a public power distribution network and local system equipment. Category II applies to devices that are supplied with power from fixed equipment. The surge withstand voltage is 2500V for devices with ratings up to 300V. *6 : Index that indicates the level of foreign conductive matter in the operating environment of device. Contamination level 2 denotes contamination by
 - non-conductive matter only, though momentary conductivity may occur due to occasional condensation.

Do not use or store the GOT under direct sun light or in an environment with excessively high temperature, dust, humidity or vibration.

Performance specifications

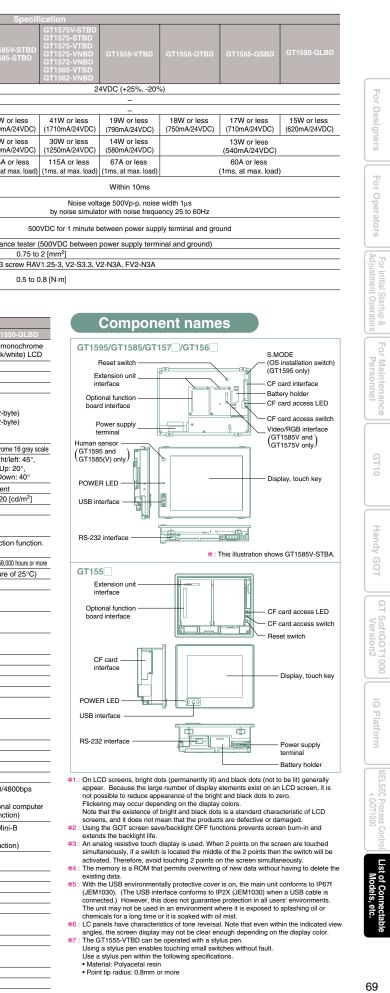
		Specification										
	Item	GT1595-XTBA GT1595-XTBD	GT1585V-STBA GT1585V-STBD GT1585-STBA GT1585-STBD	GT1575V-STBA GT1575V-STBD GT1575-STBA GT1575-STBD	GT1575-VTBA GT1575-VTBD	GT1575-VNBA GT1575-VNBD	GT1572-VNBA GT1572-VNBD	GT1565-VTBA GT1565-VTBD	GT1562-VNBA GT1562-VNBD			
	Туре	TFT	color LCD (high-brigh	tness, wide viewing ar	igle)	TFT co	lor LCD	TFT color LCD (high-brightness, wide viewing angle)	TFT color LCD			
	Screen size	15"	12.1"		10	.4"		8.	4"			
	Resolution	XGA: 1024 × 768 [dots]	SVGA: 800	× 600 [dots]			VGA: 640 × 480 [dots]]				
	Display size	304.1(W) × 228.1(H) [mm]	246(W) × 184.5(H) [mm]		211(W)×1	58(H) [mm]	171(W) × 1	28(H) [mm]				
	No. of displayed characters	16-dot standard font: 64 chars. × 48 lines (2-byte) 12-dot standard font: 85 chars. × 64 lines (2-byte)	16-dot star 50 chars. × 37 12-dot star 66 chars. × 50	lines (2-byte) dard font:			ard font: 40 chars. \times 30 ard font: 53 chars. \times 40					
Display	Display colors		65,536	colors	1	256 colors	16 colors	65,536 colors	16 colors			
*1	View angle*6	Right/left: 75°, Up: 50°, Down: 60°	GT1585V Right/left: 60°, Up: 40°, Down: 50° GT1585 Right/left: 65°, Up: 45°, Down: 55°	Right/left/up/down: 85°	Right/left/up/down: 85°	Right/le Up: Down	30°,	Right/left: 65°, Up: 50°, Down: 60°	Right/left: 45°, Up: 20°, Down: 20°			
	Contrast adjustment		3			-		1				
	Intensity	450 [cd/m ²]	GT1585V: 350 [cd/m ²] GT1585: 400 [cd/m ²]	400 [cd/m ²]	380 [cd/m ²]	200 [0	cd/m ²]	380 [cd/m ²]	150 [cd/m ²]			
	Intensity adjustment		8-step ad	justment	•	4-step ad	djustment	8-step adjustment	4-step adjustment			
	Life	Approx. 52,000 hours (operating ambient temperature: 25°C)	Approx. 50 (operating ambient		Approx. 41,000 hours (operating ambient temperature: 25°C)							
Backligh	t		Cold-cathode fluoresce	ent tube (replaceable),	with backlight OFF de	tection function. Backl	ight off time and scree	n save time can be set				
	Life*2	Approx. 50,000) hours or more			Approx. 40,000) hours or more					
	(Time for display intensity reaches 50% at operating ambient temperature of 25°C)											
	Туре	Analog resistive type			Matrix resistive type							
	No. of touch keys	-	1900 keys/screen (38	lines $ imes$ 50 columns)		1200 keys	s/screen (30 lines $ imes$ 40	columns)				
Touch panel	Key size	Min. 2 × 2 [dots] (per key)	Min. 16 × (per key) (16 × 8 onl				Min. 16 × 16 [dots] (per key)					
	No. of simultaneous touch points	Simultaneous touch prohibited*3 (1 point only)				Max. 2 points						
	Life	(1,000	0,000 times or more (or	perating force 0.98N or	r less)					
	Detection distance	1 [m] –										
Liveran	Detection range	Right/left/u	p/down: 70°				-					
Human sensor	Detection delay time	0 to 4	[sec]				-					
	Detection temperature		ce to be 4°C or more ody and ambient air									
Memory *4	C drive		9MB built-in f (for saving proje				flash memory ect data and OS)	9MB built-in flash memory (for saving project data and OS)	5MB built-in flash memory (for saving projectdata and OS)			
	Life (No. of writings)		100,000 times									
	(um battery (optional)						
Battery	Backed up data				ock data and maintena							
	Life RS-232	Application	Communication with c	RS-232, 1ch, Tr		5200/57600/38400/192 D-sub 9-pin (male)	00/9600/4800bps,	stallation, FA transpare	ent function)			
Built-in interface	USB				USB (full-speed 12	2Mbps), device 1ch be: TYPE Mini-B		·				
	CF card				nector shape: TYPEI,	•						
	Optional function board		CCpuor			tion board installation						
Extension unit 2ch for communication unit/optional lumit installation												
Buzzer o						length adjustable)						
Protectiv	e construction					67f*5 In panel: IP2X						
	dimensions USB port cover)	397(W) × 296(H) × 61(D) [mm]	316(W) × 242(H) × 52(D) [mm]		303(W) × 214(H	H) × 49(D) [mm]		241(W) × 192(H	H)×52(D) [mm]			
Panel cu	it dimensions	383.5(W) × 282.5(H) [mm]	302(W) × 228(H) [mm]		289(W) × 2	:00(H) [mm]		227(W) × 1	76(H) [mm]			
Weight (excl. mo	ounting brackets)	5.0 [kg]	2.8 [kg]	GT1575V: 2.3 [kg] GT1575: 2.4 [kg]	2.4 [kg]	2.3	[kg]	1.9	[kg]			
Applicable	Screen design software				GT Designer2 Ver	sion 2.90U or later						
software packages	Simulation software					sion 2.90U or later						

Power supply specifications

Item	GT1595-XTBA	GT1585V-STBA GT1585-STBA	GT1575V-STBA GT1575-STBA GT1575-VTBA GT1575-VNBA GT1572-VNBA GT1565-VTBA GT1562-VNBA	GT1595-XTBD	GT1585V GT1585-				
Input power supply voltage	100 to	o 240VAC (+10%, ·	15%)						
Input frequency		50/60Hz ±5%							
Input maximum apparent power	1	10VA (at max. load	1)						
Power consumption	56W or less	41W or less	39W or less	57W or less (2380mA/24VDC)	43W or (1790mA/				
With backlight off	30W or less	28W or less	28W or less	32W or less (1330mA/24VDC)	30W or (1250mA/				
Inrush current	50A or less (4ms, at max. load)	45A or less (4ms, at max. load)	40A or less (4ms, at max. load)	100A or less (4ms, at max. load)	115A or (1ms, at m				
Permissible instantaneous failure time	Within	20ms (100VAC or	more)						
Noise resistance		Noise voltage 1500Vp-p, noise width 1µs by noise simulator with noise frequency 25 to 60Hz							
Withstand voltage	1500VAC for 1 minute between power supply terminal and ground								
Insulation resistance	10MΩ or higher with an insulation resistance								
Applicable wire size									
Clamp terminal				Clamp terminals	s for M3 sc				
Tightening torque (terminal block's terminal screws)									

Performance specifications

	innunioe o	peomoations						
		GT1555-VTBD	Specif GT1555-QTBD	ication GT1555-QSBD	GT15			
	Туре	TFT co	or LCD	STN color LCD	STN m			
	Screen size	(high-brightness, w	ide viewing angle) 5.		(black/			
	Resolution	VGA: 640 × 480 [dots]		, QVGA: 320 × 240 [dots	1			
	Display size	VGA. 640 × 460 [0015]		36(H) [mm]	5]			
Display	No. of displayed characters	16-dot standard font: 40 chars. × 30 lines (2-byte) 12-dot standard font: 53 chars. × 40 lines (2-byte)	16-dot standa	ard font: 20 chars. × 15 ard font: 26 chars. × 20				
	Display colors	65,536	colors	4,096 colors	Monochror			
	View angle*6	Right/left: 80°, Up: 80°, Down: 70°	Right/left: 70°, Up: 70°, Down: 50°	Right/left: 55°, Up: 65°, Down: 70°	Right Up Do			
	Contrast adjustment		·		adjustmer			
	Intensity	350 [cd/m ²]	400 [cd/m ²]	380 [cd/m ²]	220			
	Intensity adjustment		8-step ad	djustment				
	Life		Approx. 50 (operating ambient	,000 hours temperature: 25°C)				
Backligh	nt	Cold-cathode fluores Ba	cent tube (not replace cklight off time and scr	able), with backlight O een save time can be	FF detecti set.			
	1.16-30	Арр	rox. 75,000 hours or m	nore	Approx. 58,			
	Life*2	(Time for display in	tensity reaches 50% a	t operating ambient te	mperature			
	Туре		Matrix res	istive type				
	No. of touch	1200 keys/screen		300 keys/screen				
	keys	(30 lines × 40 columns)		(15 lines × 20 columns	5)			
Touch panel	Key size			16 [dots] key)				
*7	No. of simultaneous touch points		Max. 2	points				
	Life	1,000	,000 times or more (or	perating force 0.98N o	r less)			
	Detection distance			-	,			
	Detection range	_						
Human	Detection delay time	-						
sensor	Detection temperature	-						
Memory	C drive			ect data and OS)				
	Life (No. of writings)	100,000 times						
		GT15-BAT type lithium battery (optional)						
Battery	Backed up data	Cle	ock data and maintena	nce time notification d	ata			
	Life	Approx. 5 years (operating ambient temperature: 25°C)						
	RS-232	Application: Commu	nication with connecte	D-sub 9-pin (male) d devices, connection	to persona			
			upload/download, OS eed 12Mbps), device 1					
Built-in interface	USB	(project data	Application: Connectio upload/download, OS	n to personal compute installation, FA transpa	r arent funci			
	CF card		mpact flash slot, 1ch, blication: Data transfer,					
	Optional function board		1ch for optional funct	tion board installation				
	Extension unit	1cł	for communication ur	nit/optional unit installa	tion			
Buzzer o	output			length adjustable)				
	e construction		JEM1030 Front: IP	67f ^{*5} In panel: IP2X				
	dimensions USB port cover)		167(W) × 135(H	H) × 60(D) [mm]				
Panel cu	t dimensions		153(W) × 1	21(H) [mm]				
Weight								
(excl. mo	ounting brackets)	1.1 [kg]						
Applicable software	Screen design software		GT Designer2 Ver	sion 2.90U or later				
packages	Simulation software		GT Simulator2 Ver	sion 2.90U or later				



Specifications

GT11 GT10

General specifications

Item		Specification							
Operating ambient	Display			0°C to	50°C ^{≉5}				
temperature	Other than display		0°C to 55°C (horiz	contal installation)	, 0°C to 50°C (ver	rtical installation)*	5		
Storage ambient	temperature	-20°C to 60°C							
Operating ambier	nt humidity ^{*1}	10 to 90%RH, no condensation							
Storage ambient	humidity*1			10 to 90%RH, r	o condensation				
Vibration resistance				Frequency	Acceleration	Half amplitude	Sweep count		
		Conforming Under intermitte		5 to 9Hz	-	3.5mm	10 times in		
		to JIS B 3502 and	Vibration	9 to 150Hz	9.8m/s ²	-	each of X,		
			Under continuous	5 to 9Hz	-	1.75mm	Y and Z directions		
			vibration	9 to 150Hz	4.9m/s ²	-			
Impact resistance	1	Conforming to JIS B 3502 and IEC 61131-2 (147m/s ² , 3 times in each of X, Y and Z directions)							
Operating atmosp	here	Free from oil mist, corrosive gases, flammable gases and excessive conductive dusts or direct sun beams (The same applies to unit storage.)							
Operating altitude	*2			2000m	or less				
Installation location	on	In control panel*6							
Overvoltage categories	gory *3			II or lower					
Contamination lev	/el ^{*4}	2 or less							
Cooling method				Self-co	ooling				
Grounding			Type D grounding (100Ω or less). Co	nnect to panel if	unable to ground.3	\$7		

Performance specifications

Res	ре	GT1155-QTBD	GT1155-QSBD		1	ication						
Typ Scr Ret Dis	ре	GT1155-QTBD										
Scr Res Dis					GT1155HS-QSBD		GT1155-QTBDA	GT1155-QSBDA	GT1150-QLBDQ GT1150-QLBDA			
Res		TFT color LCD	STN color LCD	STN monochrome (black/white) LCD	STN color LCD	STN monochrome (black/white) LCD	TFT color LCD	STN color LCD	STN monochrome (black/white) LCD			
Dis	reen size				5.							
	esolution				QVGA: 320							
No.	splay size	115(W) × 86(H) [mm] (in horizontal	display mode)	115(W) × 8	36(H) [mm]	115(W) × 86(I	H) [mm] (in horizontal	display mode)			
	b. of displayed aracters		16-dot standard font	20 chars. × 15 lines (2-byte) 12-dot stand	ard font: 26 chars. \times 20	0 lines (2-byte) (in hori	izontal display mode)				
Dis	splay colors	256 0	colors	Monochrome (black/white) 16 gray scale	256 colors	Monochrome (black/white) 16 gray scale	256 0	colors	Monochrome (black/white 16 gray scale			
Display*1 Vie	ew angle	Right/left: 70°, Up: 70°, Down: 50° (in horizontal display mode)	 Right/left: 50°, Up: 50°, Down: 60° (Hardware versions A and B) (In horizontal display mode) Right/left: 55°, Up: 65°, Down: 70° (Hardware version C or later) (In horizontal display mode) 	Right/left: 45°, Up: 20°, Down: 40°	Right/left: 50°, Up: 50°, Down: 60° (Hardware versions A and B) Right/left: 55°, Up: 65°, Down: 70° (Hardware version C or later)	Right/left: 45°, Up: 20°, Down: 40°	Right/left: 70°, Up: 70°, Down: 50° (in horizontal display mode)	Right/left: 55°, Up: 65°, Down: 70° (in horizontal display mode)	Right/left: 45°, Up: 20°, Down: 40° (in horizontal display mode)			
Con	ntrast adjustment	-		16-step a	djustment		-	16-step a	idjustment			
	ensity	400 [cd/m²]	350 [cd/m ²] (Hardware versions A and B) 380 [cd/m ²] (Hardware version C or later)	220 [cd/m ²]	• 350 [cd/m ²] (Hardware versions A and B) • 380 [cd/m ²] (Hardware version C or later)	220 [cd/m ²]	400 [cd/m ²]	380 [cd/m ²]	220 [cd/m ²]			
	ensity adjustment				8-step ac	•						
Life	e				50,000 hours (operatir	•						
		Cold-cathode fluorescent tube (not replaceable), with backlight OFF detection function. Backlight off time and screen save time can be set. Approx. 75,000 hours or more										
Backlight Life	e*2	Approx. 75,000) hours or more	1.00) hours or more	Approx. 54,000 hours or mo				
				(Time for display in	tensity reaches 50% a	1 0	mperature of 25°C)					
Тур					Matrix res							
	o of touch keys	300 keys/screen (matrix consisting of 15 lines × 20 columns) Min. 16 × 16 [dots] (per key)										
	y size				Min. 16 × 16 [dots] (per key)						
No.	of simultaneous ch points	Max, 2 points										
Life		1,000,000 times or more (operating force 0.98N or less) 3MB built-in flash memory (for saving project data and OS)										
	drive*3			3MB bi		01.7	and OS)					
	fe (No. of writings)				100,000							
D d	drive				512KB built-in SRA	· · · · · · · · · · · · · · · · · · ·						
D-#	alva al vua al a ta				GT11-50BAT typ							
Battery Bac Life	cked up data			A	Clock data, alarm his ox. 5 years (operating a		0500)					
Bus				1ch for QCPU (Q r 1ch for QnA/A	mode)/motion controlle	CPU (A series)						
RS	3-422	Connec	RS-422, 1ch, 115200/57600/38400/ tor shape: D-sub 9-pin ommunication with con	(female)	-	-	Арриса	tion: For bus connectio	n of PLC			
Built-in interface	6-422/232		-		Transmission s 57600/38400/192 Connector shape: Rou							
	3-232	Conne Application: Co conn	RS-232, 1ch, 115200/57600/38400/ ctor shape: D-sub 9-pir ommunication with con- tection to personal corr nload, OS installation, FA	n (male) nected devices,	RS-232, 1ch, Transmi 57600/38400/192 Connector shape: Mi Application: Connection (project data up	ission speed: 115200/ 00/9600/4800bps, ni-DIN 9-pin (female) n to personal computer bload/download,	Conne Application: Conne (project data	RS-232, 1ch, 115200/57600/38400/ ctor shape: D-sub 9-pir ction to barcode reade a upload/download, OS transparent function, e	n (male) r/personal computer installation,			
	ŝВ		Application: 0	Connection to personal	USB (full-speed 12 computer (project data	Mbps), device 1ch upload/download, OS	installation, FA transpa	arent function)				
USI	card		Co	ompact flash slot, 1ch,	Connector shape: TYP	E I Application: Data	transfer and data stora	ige				
		(Embedded in main unit)		1ch for optional func	tion board installation		(Embedded in main uni	t)			
CF	tional function board		·		Single tone (tone	length adjustable)						
CF	tional function board			I: IBOY	15141020	Front: IP65f	JEM103	0 Front: IP67f In na				
CF Option Buzzer output		JEM103	30 Front: IP67f In par	nei: IP2X	JEIVITUSU		JEM1030 Front: IP67f In panel: IP2X					
CF Option Buzzer output Protective constru External dimension	ruction*4 ions		30 Front: IP67f In pai			H) × 93(D) [mm]		(W) × 135(H) × 65(D) [
CF Option Buzzer output Protective constru External dimension (without USB por	ruction*4 ions irt cover)		(W) × 135(H) × 56(D) [mm]		H) × 93(D) [mm]	167	(W) × 135(H) × 65(D) [mm]			
CF Option Buzzer output Protective constru External dimension (without USB por Panel cut dimension	ruction*4 ions irt cover)	164	(W) × 135(H) × 56(D) [153(W) × 121(H) [mm	mm]	176(W) × 220(H	-	167	$(W) \times 135(H) \times 65(D)$ [153(W) × 121(H) [mm]	mm]]			
CF Option Buzzer output Protective constrr External dimension (without USB por Panel cut dimens Weight	ruction*4 ions irt cover)	164	(W) × 135(H) × 56(D) [mm]		- in unit only)	167	(W) × 135(H) × 65(D) [mm]]			

- *1: Water bulb temperature for STN display type must be 39°C or lower.
 *2: Do not operate or store the GOT unit in pressurized environments where the pressure exceeds the Om elevation atmospheric pressure, as this could result in abnormal operation.
 *3: Assuming that the device is connected at some point between a public power distribution network and local system equipment. Category II applies to devices that are supplied with power from fixed equipment. The surge withstand voltage is 2500V for devices with ratings up to 300V.
 *4: Index that indicates the level of foreign conductive matter in the operating environment of device. Contamination level 2 denotes contamination by non-conductive matter only, though momentary conductivity may occur due to occasional condensation.
 *5: 0 to 40°C for GT115_HS

- *6 : Excluding GT115_HS
 *7 : The 5VDC type requires no grounding.

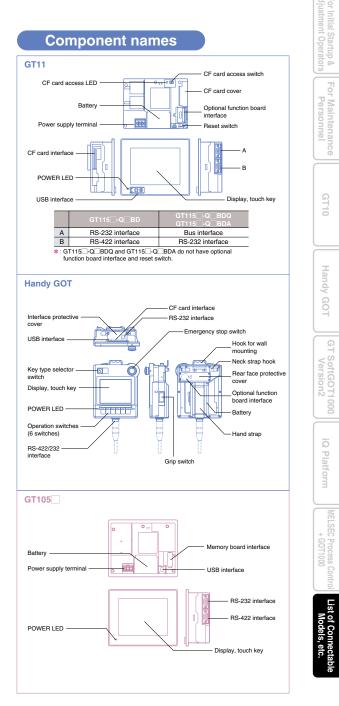
Power supply specifications

				Specification						
Item	GT1155-QTBD GT1155-QSBD GT1155HS-QSBD	GT1150-QLBD GT1150HS-QLBD	GT1155-QTBDQ GT1155-QTBDA	GT1155-QSBDQ GT1155-QSBDA	GT1150-QLBDQ GT1150-QLBDA	GT1055-QSBD	GT1050-QBBD			
Input power supply voltage			24VDC (+10%	%, -15%), ripple voltage of 2	200mV or less					
Input frequency	-									
Input maximum apparent power		-								
Power consumption	9.84W or less (410mA/24VDC) 9.36W or less (390mA/24VDC) 11.16W or less (465mA/24VDC) 9.72W or less (405mA/24VDC) 7.92W or less (330mA/24VDC)				9.84W or less (410mA/24VDC)	9.36W or less (390mA/24VDC)				
With backlight off	4.32W or less (1	80mA/24VDC)	5.	04W or less (210mA/24VD	C)	4.32W or less (180mA/24VDC)			
Inrush current	15A or less (2m	s, at max. load)	26	SA or less (4ms, at max. loa	15A or less	(26.4V) 2ms				
Permissible instantaneous failure time	Within	5ms		Within 10ms			n 5ms			
Noise resistance	Noise voltage 1000V	p-p, noise width 1µs	Noise	voltage 500Vp-p, noise wid	Noise voltage 1000Vp-p, noise width 1µs					
Noise resistance	by noise simulator with noi	se frequency 30 to 100Hz	by noise sim	nulator with noise frequency	by noise simulator with noise frequency 30 to 100Hz					
Withstand voltage			500VAC for 1 minu	te between power supply te	erminal and ground					
Insulation resistance		10MΩ or high	ner with an insulation resis	tance tester (500VDC betw	een power supply termina	l and ground)				
Applicable wire size				0.75 to 2 [mm ²]*1						
Clamp terminal			Clamp terminals for	or M3 screw RAV1.25-3, V2	2-N3A, FV2-N3A*1					
Tightening torque (terminal				0.5 to 0.8 [N·m]*1						
block's terminal screws)										
1 : Excluding GT115	HS									

Performance specifications

		Specif						
	Item	GT1055-QSBD	GT1050-QBBD					
	Туре	STN color LCD	STN monochrome (blue/white) LCI					
	Screen size	5.	7"					
	Resolution	QVGA: 320	× 240 [dots]					
	Display size	115(W) × 86(H) [mm] (in	horizontal display mode)					
	No. of displayed characters	16-dot standard font: 20 12-dot standard font: 26 chars. × 20 line	chars. × 15 lines (2-byte), es (2-byte) (in horizontal display mode					
Display*1	Display colors	256 colors	Monochrome (blue/white) 16 gray scale					
,	View angle	Right/left: 55°, Up: 65°, Down: 70° (in horizontal display mode)	Right/left: 45°, Up: 20°, Down: 40° (in horizontal display mode)					
	Contrast adjustment	16-step a	djustment					
	Intensity	380 [cd/m ²]	260 [cd/m ²]					
	Life ^{*2}	(Time for display contrast reaches 20% at	Approx. 50,000 hours (Time for display contrast reaches 20% at operating ambient temperature of 25°C) Guarantee one year					
Backlight		Cold-cathode fluorescent tube (not replace Backlight off time and scr	een save time can be set.					
	Life	Approx. 75,000 hours or more	Approx. 54,000 hours or more					
	Life	(Time for display intensity reaches 50% at operating	ambient temperature of 25°C) Guarantee one yea					
	Туре	Matrix res	istive type					
	No. of touch keys	Max. 50 ke	eys/screen					
Touch	Key size	Min. 16 × 16 [dots] (per key)						
panel	No. of simultaneous touch points	Max. 2	points					
	Life	1,000,000 times or more (or	perating force 0.98N or less)					
Memory	User memory*3	Built-in flash ROM for saving pro	pject data (3 MB or less) and OS					
	Life (No. of writings)	100,00	0 times					
		GT11-50BAT typ	e lithium battery					
Battery	Backed up data		story and recipe data					
	Life	Approx. 5 years (operating ambient temperature: 25°C) Guaranteed life: within one year after date of manufacture						
	RS-422	Transmission speed: 115200/57 Connector shape: D	2, 1ch, 600/38400/19200/9600/4800bps D-sub 9-pin (female) unication with PLCs					
Built-in interface	RS-232	Transmission speed: 115200/57 Connector shape: Application: Communication with PL communication with	2, 1ch, 500/38400/19200/9600/4800bps D-sub 9-pin (male) Cs, connection with barcode readers personal computers 5 installation, transparent function)					
	USB	Connector shape: TYF Application: Communication	2Mbps), device 1ch PE Mini-B (receptacle) on with personal computer S installation, transparent function)					
	Memory board	For installing memory be	oard (GT10-50FMB) 1ch					
Buzzer ou	utput	Single tone (tone len	gth adjustable/none)					
Protective	e construction*4	Conforming to IP67f (IEM1030) (front panel)					
External of	dimensions	164(W) × 135 (I	H) × 56 (D)[mm]					
Panel cut	dimensions	153(W) × 1	21(H)[mm]					
Weight		0.7kg (excl. mounting brackets)						
	e software package	GT Designer2 Vers						
large n		s (permanently lit) and black dots (not to nents exist on an LCD screen, it is not p o.						

bright hand black dots to zero.
Flickering may occur depending on the display colors.
Note that the existence of bright and black dots is a standard characteristic of LCD screens, and it does not mean that the products are defective or damaged.
12 Using the GOT screen save/backlight OFF functions prevents screen burn-in and extends the backlight life.
13 The memory is a ROM that permits overwriting of new data without having to delete the existing data.
14 This does not guarantee protection in all users' environments. The specification is not applied when the interface protective cover and rear face protective cover are removed.



Specifications

GT10

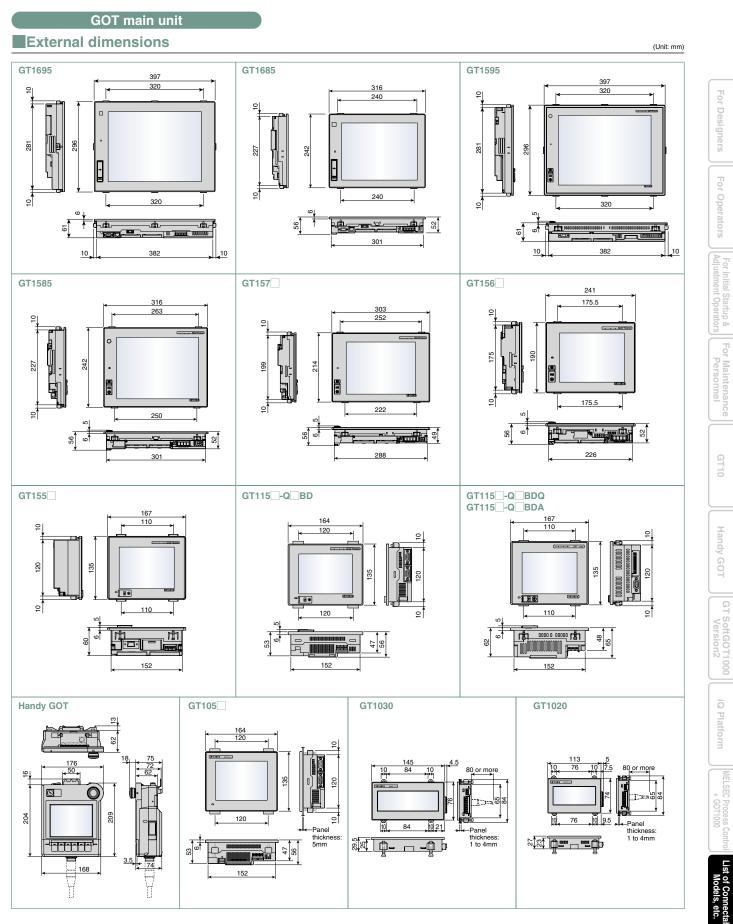
				Spec	ification				•	nent nan	
Item			GT1030-LBDW GT1030-LWDW GT1030-LBDW2 GT1030-LWDW2	GT1020-LBD GT1020-LWD GT1020-LBD2 GT1020-LWD2	GT1020-LBDW GT1020-LWDW GT1020-LBDW2 GT1020-LWDW2	GT1020-LBL GT1020-LWL GT1020-LBLW GT1020-LBLW		GT1	0 c		Interface for conne with personal com (RS-232)
Input powe	er supply voltage	24VDC (+10%, -15%), ripple voltage of 200mV or less				5VDC (±5%), supplied from PLC communication cable			D		
Input frequency –							_		[
Input maximu	um apparent power				-						0
Power cor	nsumption	2.2W or less (90mA/24VDC) 1.9W or less (80mA/24VDC)				1.1W or less (220mA/5VDC)					
Wi	ith backlight off	nt off 1.7W or less (70mA/24VDC)			(50mA/24VDC)	0.6W or less (120mA/5VDC)			Display, touch key		
Inrush cui	rrent	18A or less (2	26.4DCV) 1ms	13A or less	(26.4DCV) 1ms	-	_		touch key		
Permissible inst	stantaneous failure time	Within 5ms			-	_					
Noise resi	istance		Noise voltage 1000Vp-p, noise width 1 by noise simulator with noise frequency 30 to				_		GT1030-LBD	GT1020-LBL	GT1030-LBD
Withstand	d voltage	500VAC for 1	minute between p	ower supply term	inal and ground	-	_		GT1030-LWD GT1030-LBDW	GT1020-LWL GT1020-LBLW	GT1020-LBD GT1030-LWD
Insulation resistance			or higher with an ir C between power s	-			GT1030-LWDW GT1020-LBD	GT1020-LBLW GT1020-LWLW	GT1020-LWE GT1030-LBD		
Applicable wire size	Single-wire installation	0.14 to 1.5mm ² , AWG26 to AWG16 (single wire), 0.14 to 1.0mm ² , AV 0.25 to 0.5mm ² , AWG24 to AWG20 (bar terminal with					_		GT1020-LWD GT1020-LBDW GT1020-LWDW		GT1020-LBD GT1030-LWD GT1020-LWD
wire Size	Two-wire installation	0.14 to 0.5m	m ² , AWG26 to AW	G20 (single wire)	0.14 to 0.2mm ² , AV	/G26 to AWG24 (stranded wire)		С	Power supply terminal	-	Power supply ter
Clamp ter	rminal		Al2.5-6BU, A	10.34-6TQ, Al0.5	-6WH (made by Pho	enix Contact)				RS-422 interface,	RS-232 interf
	torque (terminal minal screws)			0.22 to	0.25 [N·m]		_	D	RS-422 interface	Power supply terminal	HS-232 Intern

Performance specifications

					0							
				1	Specif	ication		1				
		GT1030-LBD GT1030-LWD	GT1030-LBDW GT1030-LWDW	GT1030-LBD2 GT1030-LWD2	GT1030-LBDW2 GT1030-LWDW2	GT1020-LBD GT1020-LWD GT1020-LBL GT1020-LWL	GT1020-LBDW GT1020-LWDW GT1020-LBLW GT1020-LWLW	GT1020-LBD2 GT1020-LWD2	GT1020-LBDW2 GT1020-LWDW2			
	Туре				STN monochrome	(black/white) LCD						
	Screen size		4.	5"		l í	3	.7"				
	Resolution		288 × 96 [dots] (ir	n horizontal mode)			160 × 64 [dots] (i	n horizontal mode)				
	Display size		109.42(W) × 35.98(H)[r	mm](in horizontal mode))		86.4(W) × 34.5(H)[m	m](in horizontal mode)				
Disala: #1	No. of displayed characters		chars. × 6 lines (1-byte) chars. × 8 lines (1-byte) c					chars. × 4 lines (1-byte) yte) (in horizontal mode				
Display*1	Display colors				Monochrome	e (black/white)						
	View angle			Right/le	eft: 30°, Up: 20°, Down:	30°(in horizontal display	/ mode)					
	Contrast adjustment				16-step a	djustment						
	Intensity	200 [cd/m ²] (in green)	300 [cd/m ²] (in white)	200 [cd/m ²] (in green)	300 [cd/m ²] (in white)	200 [cd/m ²] (in green)	300 [cd/m ²] (in white)	200 [cd/m ²] (in green)	300 [cd/m ²] (in white)			
	Intensity adjustment		8-step ad	djustment				-				
	Life*2	Approx. 50,000 hours (Time for display contrast reaches 20% at operating ambient temperature of 25°C)										
Backlight	Color	3-color LED (green, orange and red) (replacement not needed)	3-color LED (white, pink and red) (replacement not needed)	3-color LED (green, orange and red) (replacement not needed)		3-color LED (green, orange and red) (replacement not needed)	3-color LED (white, pink and red) (replacement not needed)	3-color LED (green, orange and red) (replacement not needed)	3-color LED (white, pink and red) (replacement not needed			
	Function	Status contro	ol (color, on/flashing/off) is available and screer	save time setting can	be set. PLC can contro	color and status of ba	cklight based on system	information.			
	Туре	Claige Contra	<u> </u>	istive type	touro and octang our			sistive type	internation.			
	No. of touch keys	Max. 50 keys/screen										
Touch	Key size		Min. 16 × 16 [dots] (per key)			Min. 2 × 2 [d	lots] (per key)				
panel	No. of simultaneous touch points		Max. 2	points		(If there is a swite		e pressed keys, the swit	ch may function.)			
	Life											
	User memory*3	Built-in fla	ash ROM for saving pro	ject data (1.5MB or less	Built-in flash ROM for s	aving project data (512	2KB or less), OS, alarm	history and recipe data				
Memory	Life (No. of writings)				100,00	0 times						
	_		GT11-50BAT typ	be lithium battery		-						
Battery	Backed up data		Clock data, alarm his	story and recipe data		-						
	Life	Approx. 5 years (operating a	ambient temperature: 25°C)	Guaranteed life: within one ye	ar after date of manufacture							
Built-in	For communication with PLC	RS-422, 1ch, Transm 57600/38400/192 Connector shape: Conne Application: Comm	00/9600/4800bps, cter terminal block, 9-pin	57600/38400/192 Connector shape: Conne	ission speed: 115200/ 00/9600/4800bps, acter terminal block, 9-pin nunication with PLC	57600/38400/192 Connector shape: Conne	ission speed: 115200/ 00/9600/4800bps, acter terminal block, 9-pin nunication with PLC	RS-232, 1ch, Transm 57600/38400/192 Connector shape: Conne Application: Comm	00/9600/4800bps, acter terminal block, 9-pin			
interface	For communication with personal computer		Application: C		Connector shape: M	;200/57600/38400/1920 ini DIN 6-pin (female) : data upload/download,		arent function)				
Buzzer ou	utput				Single tone (tone ler	ngth adjustable/none)						
Protective	e construction*4				Conforming to IP67f ((JEM1030) (front panel)						
External	dimensions		145(W) × 76(H)) × 29.5(D)[mm]			113(W) × 74(H	H) × 27(D)[mm]				
Panel cut	dimensions		137(W) ×	66(H)[mm]				66(H)[mm]				
Weight			0.3kg (excl. mo	unting brackets)		GT1020-L_D(W): 0.2kg (excl. mounting brackets) GT1020-L_L(W): 0.18kg (excl. mounting brackets) 0.2kg (excl. mounting brackets)			ing brackets)			
Applicable	software package				GT Designer2 Ver	sion 2.90U or later						
*1 : On LCI	D screens, bright d	ots (permanently lit) and	black dots (not to be lit) of	enerally appear. Becaus	e the large number of dis	splay elements exist on a	n LCD screen, it is not p	ossible to reduce appear	ance of the bright and			

Applicable software package
 G1 Designer2 Version 2.900 or later
 G1 Designer2 Version 2.900 or later
 G1 Designer2 Version 2.900 or later
 S1 : On LCD screens, bright dots (permanently lit) and black dots (not to be lit) generally appear. Because the large number of display elements exist on an LCD screen, it is not possible to reduce appearance of the bright and black dots to zero.
 Flickering may occur depending on the display colors.
 Note that the existence of bright and black dots is a standard characteristic of LCD screens, and it does not mean that the products are defective or damaged.
 S2: Using the GOT screen save/backlight OFF functions prevents screen burn-in and extends the backlight life.
 S3: The memory is a ROM that permits overwriting of new data without having to delete the existing data.
 S4: This does not guarantee protection in all users' environments.

External dimensions



G

Panel cut dimensions

When GOT is insta	lled		(Unit: mm)	
Screen size	Type of GOT main unit	Α	В	`ō`
15"	GT1695	383.5	282.5	
15	GT1595	383.5	282.5	
12.1"	GT1685	302	228	· · · · · · · · · · · · · · · · · · ·
12.1	GT1585*1	302	220	Banal anon
10.4"	GT157 ^{*2}	289	200	Panel open
8.4"	GT156	227	176	*1 : Same dimensions as A985GOT(-V)
	GT155 ^{*3}			*2 : Same dimensions as A975/970GOT(-B) *3 : Same dimensions as F940GOT
5.7"	GT115 ^{*3}	153	121	*4 : For the GT1030 and GT1020, the tolerance
	GT105			is +1/0.
4.5"	GT1030	137	66	For compatibility with GOT900 series,
3.7"	GT1020	105	66	see "Backward compatibility" (page 77).

•When CF card extension unit (mounting unit on control panel) is installed

	•	-	
Туре	А	В	Cautions when installing and uninstalling
GT15-CFEX-C08SET	94.0	33.0	When installing the CF card extension unit on the control panel, make sure that the extension unit does not interfere with the extension unit cable or the CF card interface of the GOT. Place the CF card extension unit at a distance of 25mm or more from the GOT.
			For installation locations, see the GT15 Licer's Manual

Product installation interval

The GOT must have the clearances from other devices as shown in [Fig. A]. The GOT may require more distance than the dimensions shown in the table depending on the types of connection cables. Consider the connector dimensions and radius of cable bending curvature when designing the installation.

•GT16/GT15

-u	110/0113								(Unit: mm)
	ltem		GT1695	GT1685	GT1595	GT1585	GT157	GT156	GT155
	GOT only						50 or more	50	
	When bus connection unit is i	nstalled	50 or more (20 or more)				50 or more	65 or more	
	When serial communication u	nit is installed	1				(31 or more) (36	(36 or more)	
	When RS-422 conversion unit is installed		50 or more	51 or more	50 or more	51 or more	68 or more	73 or more	-
	When Ethernet communication unit is installed			_		50 or more	(20 or more)		50 or more (40 or more)
	When CC-Link communication	n unit				-)			50 or more
	(GT15-J61BT13) is installed			5	50 or more (20 or more	8)			(32 or more)
	When CC-link IE controller ne communication unit is installe				5	0 or more (20 or more	9)		
	When MELSECNET/H comm (coaxial) is installed	unication unit	50 or more (20 or more)	50 or more (24 or more)	50 or more (20 or more)	50 or more (24 or more)	50 or more (38 or more)	50 or more	72 or more
	When MELSECNET/H comm (optical) is installed	unication unit		50 or more (20 or more) ^{≱1}					
Α	When printer unit is installed		50 or more (20 or more)				50 or more (31 or more)	50 or more (36 or more)	50 or more
	When multimedia unit is insta	lled	50 or more	(20 or more)		_			
	When video input unit	GT16M-V4	50 or more	(20 or more)		-			
	is installed	GT15V-75V4		-	50 or more (20 or more)*2		-	-	
	When RGB input unit	GT16M-R2	50 or more	(20 or more)	-				
	is installed	GT15V-75R1		-	- 50 or more (20 or more)*3		-	-	
	When video/RGB input unit	GT16M-V4R1	50 or more	(20 or more)		-			
	is installed	GT15V-75V4R1		-		50 or more (e (20 or more)*3 –		-
	When RGB output unit	GT16M-ROUT	50 or more	(20 or more)			-		
	is installed	GT15V-75ROUT		-		50 or more (20 or more)*3	-	
	When CF card unit is installed								
	When CF card extension unit	is installed		50 or more	(20 or more)		50 or more	50 or more	65 or more
	When audio output unit is installed			30 01 11016			(31 or more)	(36 or more)	05 01 11016
	When external input/output unit is installed								
В			80 or more (20 or more)						
С	(When CF card is not used)		50 or more (20 or more)						
	(When CF card is used)				50 or more				100 or more
<u>D</u>						0 or more (20 or more			
Е			100 or more (20 or more)						

*1 : The distance varies depending on the cable to be used. For details, consult the closest Mitsubishi Electric System & Service office.

The values in the table are given for your reference. *2 : The distances required when the coaxial cable 3C-2V (JIS C 3501) is used.

*3 : The distance varies depending on the cable to be used. When the bending radius of the cable is larger than the indicated value, keep a space appropriate to the bending radius. (Unit: mm)

•GT11

			(
GOT main unit	A, D	В	When CF card is not used	When CF card is used	E
GT1155 GT1150	50 or more (20 or more)		50 or more ^{*2} (20 or more)	100 or more	100 or more (20 or more)
*1 : 50 or more (20 or n *2 : 80 or more (20 or n					

•GT10)
-------	---

•GT10 (Unit: mm						
GOT main unit	А	В	С	D	E	
GT105	50 or more	80 or more	50 or more	50 or more	100 or more	
	(20 or more)	(20 or more)	(20 or more)	(20 or more)	(20 or more ^{*3})	
GT1030	50 or more	50 or more	50 or more	50 or more	80 or more	
GT1020	(20 or more ^{*1})	(20 or more)	(20 or more)		(20 or more ^{*2})	

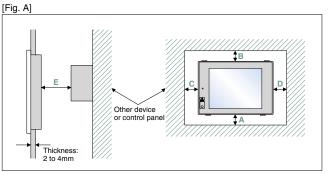
*1:50 or more when an RS-232/USB conversion adapter is used.

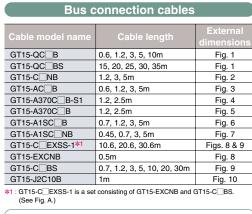
*2: 80 or more when a presonal computer connection adapter is used or when a personal computer RS-232 interface is used for connecting multiple GOTs.
 50 or more when an RS-232 interface is used for using an RS-232/USB conversion adapter.
 *3: 80 or more when using a USB cable or a memory board.

Dimensions shown in parentheses apply when there are no devices nearby (contactor, etc.) which produce radiated noise or heat. Even with these dimensions, however, the ambient temperature must

never exceed 55°C.

74





B⁺²*4

(Unit: mm)

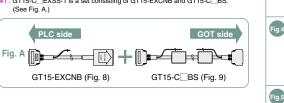


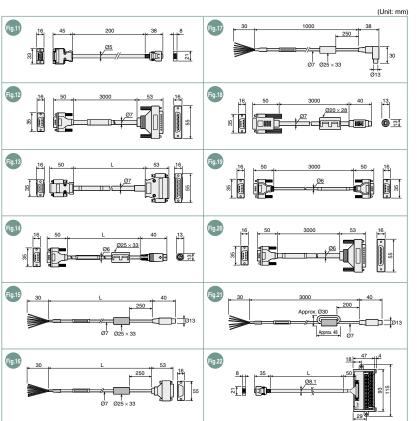
Fig.1

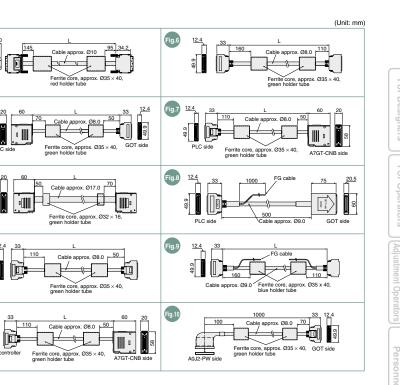
12.4

Cable model name	Cable length	External dimensions
GT16-C02R4-9S	0.2m	Fig. 11
GT01-C30R4-25P	3m	Fig. 12
GT01-C R4-25P	10, 20, 30m	Fig. 13
GT01-COR4-8P	1, 3, 10, 20, 30m	Fig. 14
GT10-C_R4-8P	1, 3, 10, 20, 30m	Fig. 15
GT10-C R4-25P	3, 10, 20, 30m	Fig. 16
	1m RS-232 cables	Fig. 17
F	RS-232 cables	
F		Fig. 17 External dimensions
GT10-C10R4-8PL F Cable model name GT01-C30R2-6P	RS-232 cables	External
F Cable model name	S-232 cables Cable length	External dimensions
F Cable model name GT01-C30R2-6P	RS-232 cables Cable length	External dimensions Fig. 18

Fig. 22

FA-LTBGTR4CBL 0.5, 1, 2m





List of Cor Model:

External dimensions

Communication units/optional units

				Model name	External dimensions
	Standard model of	bus connection unit for 1ch		GT15-QBUS	Fig. 1
	QCPU (Q mode)/motion controller CPU (Q Series)		2ch	GT15-QBUS2	Fig. 2
_	Standard model	of bus connection unit for	1ch	GT15-ABUS	Fig. 1
Bus connection	QnA/ACPU/motic	on controller CPU (A Series)	2ch	GT15-ABUS2	Fig. 2
unit	Thin model of bus		1ch	GT15-75QBUSL	Fig. 3
anne	QCPU (Q mode)/motion controller CPU (Q Series) 2		2ch	GT15-75QBUS2L	Fig. 3
	Thin model of bus connection unit for 10		1ch	GT15-75ABUSL	Fig. 3
	QnA/ACPU/motion controller CPU (A Series) 2ch			GT15-75ABUS2L	Fig. 3
RS-232 serial (D-sub 9-pin (r		communication unit nale))		GT15-RS2-9P	Fig. 4
Serial communication unit	RS-422/485 se (D-sub 9-pin (fe	rial communication unit male))		GT15-RS4-9S	Fig. 4
	RS-422/485 se (terminal block)	rial communication unit		GT15-RS4-TE	Fig. 5
RS-422	RS-232→RS-4	22 conversion unit (9-pin)	GT15-RS2T4-9P	Fig. 6
conversion unit	RS-232→RS-4	22 conversion unit (25-pi	n)	GT15-RS2T4-25P	Fig. 6
Bus extens	sion connector b	ох		A9GT-QCNB	Fig. 7
Bus conne	ctor conversion	box		A7GT-CNB	Fig. 8
MELSECNET/H Optical loop unit			GT15-J71LP23-25	Fig. 9	
communic	ation unit	Coaxial bus unit		GT15-J71BR13	Fig. 10
CC-Link IE	controller netw	ork communication unit		GT15-J71GP23-SX	Fig. 11
CC-Link co	mmunication unit	Intelligent device station	unit	GT15-J61BT13	Fig. 12
Ethernet c	ommunication u		GT15-J71E71-100	Fig. 13	

Optional units

Product name	Model name	External dimensions
Printer unit	GT15-PRN	Fig. 14
Multimedia unit	GT16M-MMR	Fig. 15
Video input unit	GT16M-V4	Fig. 16
Video input unit	GT15V-75V4	Fig. 17
DCD input unit	GT16M-R2	Fig. 16
RGB input unit	GT15V-75R1	Fig. 17
Video/DCR input unit	GT16M-V4R1	Fig. 16
Video/RGB input unit	GT15V-75V4R1	Fig. 17
RGB output unit	GT16M-ROUT	Fig. 18
	GT15V-75ROUT	Fig. 18
CF card unit	GT15-CFCD	Fig. 19
CF card extension unit	GT15-CFEX-C08SET	Fig. 20
Audio output unit	GT15-SOUT	Fig. 21
External input/output unit	GT15-DIOR	Fig. 22
External input/output unit	GT15-DIO	Fig. 22
Handy GOT connector conversion box	GT11H-CNB-37S	Fig. 23
		(Unit: mm)

*4 : Dimension A for each *1 : The connector shape varies depending on the model

communication unit GT15-75QBUSL

GT15-75QBUS2L GT15-75ABUSL

GT15-75ABUS2L

15" 12.1"

For GT15 15", 10.4" 12.1" 8.4", 5.7"

*2 : Dimensions A to D for each communication unit						
Model name A B C D						
GT15-QBUS	2.5	12	31.5	-		
GT15-QBUS2	2.5	11	29	33.5		
GT15-ABUS	4.5	15	29.5	-		
GT15-ABUS2	4.5	11	31	31		

*3 : Dimension X when GOT is installed

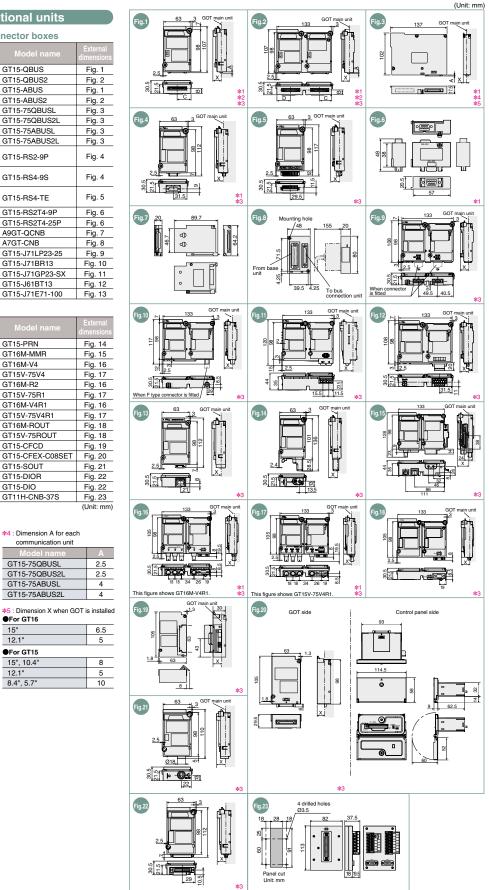
●For GT16							
Units other than CC-Link IE controller network communication unit and multimedia unit							
	1st	2nd	3rd				
15"	15" 19.5 41 62.5						
12.1" 18 39.5 61.5							

CC-Link IE controller network communication unit and multimedia unit						
1st 2nd 3rd						
15" 33.5 55 76.5						
12.1" 32 53 75						
For GT15						

For all 15							
Units other than CC-Link IE controller network communication unit							
1st 2nd 3rd							
15", 10.4" 21 42.5 64.5							
12.1" 18 39.5 61.5							
8.4", 5.7" 23 44.5 66.5							

	-Link IE co k commun				
	1st	2nd	3rd		
15", 10.4"	34.5	56	78		
12.1"	31.5	53	75		
8.4", 5.7" 36.5 58 80					





Notes for use

Backward compatibility

Project data

GT Designer→GT Designer2 compatibility * Project data created in GT Designer can be used in GT Designer2.

GOT900 series→GOT1000 series compatibility *

• Using data from the GOT-A900 series The GOT900 series project data can be used on the GOT1000 series.

• Using data from the GOT-F900 series

The GOT-F900 series project data can be used on the GOT1000 series.

For details, see "Project Data Conversion Summary (JY997D1761)." *Some data and functions cannot be used on the GOT1000 series.

Selection of optional units and devices

Using the optional functions listed in the table below may require optional devices or units as shown. Note that the required optional units and devices may vary depending on the GOT main unit. The functions not listed in the table below may also require a CF card depending on the application. For details, see "Function list" (page 82) and "GT Designer2 Version2 Screen Design Manual." An optional function board or a CF card may be necessary depending on the function version and hardware version of the GOT main unit or available space of the user area. For details, see "CF card & optional function board selection <GT16/GT15/GT11>" (page 78).

Function			Required optional units and devices		
	-unction	GT16	GT15	GT11	GT10
Memory extension		CF card	Optional function board: GT15-QFNB M or GT15-MESB48M CF card		None
Multi-channel fun	oction	Not necessary	Optional function board: GT15-QFNB(M) or GT15-MESB48M	None	None
Multimedia functi	on	Multimedia unit: GT16M-MMR CF card for multimedia	None	None	None
Mista / DOD	Video input	Video input unit: GT16M-V4 or, Video/RGB input unit: GT16M-V4R1	Video input unit: GT15V-75V4 or, Video/RGB input unit: GT15V-75V4R1	None	None
Video/RGB function	RGB input	RGB input unit: GT16M-R2 or, Video/RGB input unit: GT16M-V4R1	RGB input unit: GT15V-75R1 or, Video/RGB input unit: GT15V-75V4R1	None	None
	RGB output	RGB output unit: GT16M-ROUT	RGB output unit: GT15V-ROUT	None	None
CF card unit/CF	card extension unit	CF card unit: GT15-CFCD or, CF card extension unit: GT15-CFEX-C08SET	CF card unit: GT15-CFCD or, CF card extension unit: GT15-CFEX-C08SET	None	None
Sound output fun	iction	Sound output unit: GT15-SOUT	Sound output unit: GT15-SOUT	None	None
Remote personal computer operation function		RGB input unit: GT16M-R2 or, Video/RGB input unit: GT16M-V4R1	RGB input unit: GT15V-75R1 or, Video/RGB input unit: GT15V-75V4R1	None	None
External input/output function, operation panel function		External input/output unit: GT15-DIO or GT15-DIOR	External input/output unit: GT15-DIO or GT15-DIOR		None
Gateway function	ı	Not necessary	Ethernet communication unit: GT15-J71E71-100		None
MES interface fu	nction	Optional function board: GT16-MESB	Ethernet communication unit: GT15-J71E71-100 Optional function board: GT15-MESB48M	None	None
Document displa	y function	CF card	Optional function board: GT15-QFNB([]M) or GT15-MESB48M CF card	None	None
Operation log fur	nction	CF card	CF card		None
Backup/restoration	on function	USB memory or CF card	CF card		None
Maintenance time	e notification function	Not necessary (equipped with battery as standard feature)	Battery: GT15-BAT	None	None
CNC data input/c	output function	USB memory or CF card	CF card	None	None
Ladder monitor function (when using Q/QnA ladder monitor function)		Not necessary	Optional function board: GT15-QFNB(M) or GT15-MESB48M	None	None
SFC monitor function		CF card	Optional function board: GT15-QFNB_M or GT15-MESB48M CF card	None	None
Report function		Printer unit: GT15-PRN CF card	Printer unit: GT15-PRN CF card	None	None
Hard copy	Saving files on CF card	CF card	CF card	None	None
function	Printing by printer	Printer unit: GT15-PRN	Printer unit: GT15-PRN	None	None

Cables

- For details on using the GOT900 series bus connection cables, RS-422 cables and RS-232 cables with the GOT1000 series, see Technical Bulletin No.GOT-A-0009. • The bus connection cables, RS-422 cables and RS-232 cables for the GOT1000 series
- cannot be used for the GOT900 series.

Panel cut dimensions

GOT900 series→GOT1000 series compatibility

- The A985GOT(-V) and GT1585, A975/970GOT(-B) and GT157, and F940GOT and GT155 /GT115 have the same panel cut dimensions, respectively. Therefore, it is not necessary to change the mounting hole size.
- Although the A95 differs in panel cut dimensions from the GT155 ,
- GT115 -Q BDQ and GT115 -Q BDA, the former model can be replaced with any of the latter ones without changing the mounting hole size.

GT10

ö



CF card & optional function board selection <GT16/GT15/GT11>

When using the GT16

(RAM)

When using optional functions & extended functions When using the MES interface function, install the optional function board GT16-MESB. No optional boards are necessary when using other functions Some functions, however, may require a CF card due to OS installation.

See below for details

Storage memory (ROM) and operation memory (RAM) The GOT operates while decompressing the OS and project data, which is stored in the storage memory (ROM), on the operation memory (RAM). Since the GT16 compresses some data before storing it on the storage memory (ROM), the data size becomes larger when decompressed on the operation memory (RAM).

The GT16 has a 15MB built-in flash memory for the storage memory (ROM) as a standard feature. The CF card expands the memory if the OS and project data exceeds 15MB.

The GT16 has a 57MB operation memory (RAM) as a standard feature. The operation memory is not extendable.

The built-in flash memory is for "drive C". The CF card is for "drive A (standard)" or "drive B (extension)

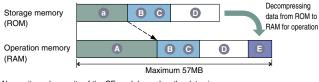
Storage memory Extended by Decompressing (ROM CF card data from ROM to Operatio RAM for operation

Types and capacities of data and CF card selection The data types and capacities are as shown in the table below.

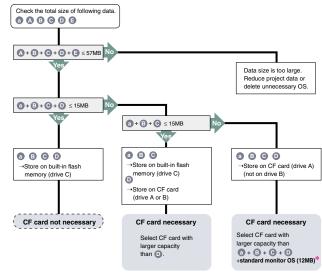
Data type	Data capacity
a Extended function OS and optional function OS stored in ROM	Capacity of "GT16(ROM)" in [Table A] on page 79
Extended function OS and optional function OS decompressed on RAM	Capacity of "GT16(RAM)" in [Table A] on page 79
Communication driver	Check with [Table B] on page 79.
C Special data	Check with a screen design software.
D Project data	Check with a screen design software.
Buffering area	Check with a screen design software.

As for the extended function OS and optional function OS, when decompressing the compressed data (a) in the storage memory (ROM) on the operation memory (RAM), the data size becomes larger as shown in (A).

The buffering area () is an area for storing resource data such as logging and extension alarms. It uses the operation memory (RAM). The data size differs depending on the setting. When the screen design software designates file saving, the accumulated resource data is stored in the designated storage (drive A or B). (The storage memory (ROM) is not used.) If the size of data decompressed on the operation memory (RAM) exceeds 57MB, it is necessary to reduce, for instance, the project data size or delete unnecessary OS.



Necessity and capacity of the CF card depend on the data size Determine the necessity and capacity of the CF card according to the following flow chart



*: When storing the extended function OS and optional function OS in the CF card (drive A), the standard monitor OS (standard monitor OS, standard font, etc.) needs to be stored in the CF card (drive A).

When using the GT11

When using optional functions

Since the following GOT models have a built-in optional function board (GT11-50FNB), it is unnecessary to mount an optional function board to use optional functions shown in ITable AI

•GT115_-Q_BDQ •GT115_-Q_BDA •GT1155-QTBD •GT1155_HS-Q_BD: Version B or later •GT1155_-Q_BD: Version C or later

- When using optional functions & extended functions When using the following function, install the optional function board GT15-MESB48M.
- MES interface function When using the following function, install the optional function board GT15-OENB M or GT15-MESB48M
- SFC monitor function When using the following function, install the optional function board GT15-QFNB(__M) or
- GT15-MESB48M Multi-channel function
 Document display function
- MELSEC-Q/QnA ladder monitor function
- The following GOT requires no optional function boards when using optional functions other than above.
- GT15: functional version D or later

When using the GT15

To activate the built-in optional function board in the GOT, it is necessary to install the standard monitor OS on the GOT using the GT Designer Version 2.55H or later. Some functions, however, require an optional function board with expansion memory (GT15-QFNB M or GT15-MESB48M) and a CF card. See below for details

Storage memory (ROM) and operation memory (RAM)

The GOT operates while decompressing the OS and project data, which is stored in the storage memory (ROM), on the operation memory (RAM). The GT15 has a 9MB* memory for the storage memory (ROM) and the operation memory (RAM) as a standard feature. When the OS or the project data exceeds 9MB, use a CF card and an optional function board with expansion memory (GT15-OFNB M or GT15-MESB48M) to increase the memory The built-in flash memory is for "drive C". The CF card is for "drive A (standard)" or "drive B (extension)." *: Differs depending on the GOT main unit model: GT15 - TB : 9MB, GT15 -VNB : 5MB

Storage memory (ROM)	Built-in flash memory 9MB*	Extended by CF card	Decompressing data from ROM to
Operation memory (RAM)	9MB*	Extended by optional function board (GT15-QFNB_M or GT15-MESB48M)	RAM for operation

Types and capacities of data and CF card selection he data types and capacities are as shown in the table below

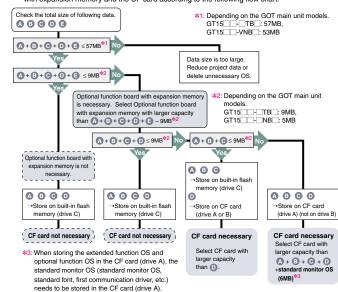
Data type	Data capacity
A Extended function OS, optional function OS	Capacity of "GT15" on [Table A] on page 79
B Second communication driver and onwards	150KB for each
C Special data	Check with a screen design software.
D Project data	Check with a screen design software.
Buffering area	Check with a screen design software.

The buffering area is an area for storing resource data such as logging and extension alarms. It uses the operation memory (RAM). The data size differs depending on the setting. When the screen design software designates file saving, the accumulated resource data is stored in the designated storage (drive A or B). (The storage memory (ROM) is not used.) If the size of data decompressed on the operation memory (RAM) exceeds 57MB*1, it is necessary to reduce, for instance, the project data size or delete unnecessary OS.

Storage memory (ROM)	<u>A</u>	BC	D		Decompressing data from ROM to RAM for operation
Operation memory (RAM)	А	BC	D	E	

Maximum 57MB

Necessity and capacity of the optional function board with expansion memory and the CF card depend on the data size. Determine the necessity and capacity of the optional function board with expansion memory and the CF card according to the following flow chart.



[Table A] Capacity of extended functional OS and optional function OS

Function GT18 GT19	Function		User	area size t	to be used	(KB)	User area size			[,] area size	ze to be used (KB)				
Barcole RAM ROM G113 G113 Barcole 164 <td< td=""><td></td><td></td><td></td><td colspan="2"></td><td></td><td>Functior</td><td></td><td colspan="2">GT16</td><td></td></td<>									Functior		GT16				
File 166 166 171 System monitor 746 746 4 System monitor 235 150 235 None Printer 1104 522 1104 None Stroke basic fort Jupper function 400 400 800 None Stroke basic fort Jupper function 300 524 None Stroke basic fort Jupper function 370 210 324 None Stroke basic fort Jupper function 370 390 524 None Stroke basic fort Chances (Nmithidg) 1474 1474 None Stroke basic fort Chances (Simplified) 1474 1474 None TRG display Viceo/RGB 170 252 None Stroke display 100 50 100 None Badup/release 1707 250 251 None Messignation (Singla Singla					GT15	GT11							GT15	GT11	
Bit Part 746 746 91 Brown 235 150 235 None Operation log (divice name conversion lbrary) 104 Size None Operation log (divice name conversion lbrary) 800 400 None Stroke fort support function 400 400 None Stroke fort support function 400 400 None Stroke fort support function 400 None None Stroke fort support function 400 None None Stroke fort support function 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1824 None Stroke fort support function 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800 1770 1800		Barcode		84	84	84	*1		A list editor	MELSEC-A list	editor			1058	*1
Percent 285 190 285 None Printing Environment 200 420 None Operation log (div/ce mare conversion lituary) 800 None 770 200 224 None Stroke Environment 770 200 224 None Stroke 2016 Annone 2016 None 200 13451 1398 100 None Stroke Stroke 100 770 200 20 100 None 20 20 20				166	166	166	*1		FX list editor	MELSEC-FX li:	st editor	1024	542	1058	*1
Prime 1104 522 1104 None Operation (grive) rank coversion (likray) 800 400 None Stoke fort support function 400 400 None Stoke basic fort (Jananese) 1174 <td></td> <td>System</td> <td>monitor</td> <td>746</td> <td>746</td> <td>746</td> <td>*1</td> <td></td> <td>Intelligent uni</td> <td>it monitor</td> <td></td> <td>770</td> <td>390</td> <td>384</td> <td>None</td>		System	monitor	746	746	746	*1		Intelligent uni	it monitor		770	390	384	None
Upper tool Upper tool Upper tool Book None Struct Stru		Report		235	150	235	None		Network mon	itor		370	210	324	None
Bit Note basis fort (Chrese: Simplified) (with Hangu) 2016 2016 2016 None Video display (Video/RGB 474 292 512 None Red display (Video/RGB 474 292 - None Mittimeda 1074 292 - None Mittimeda 1074 292 - None Backup/restruation 766 420 820 None Backup/restruation 730 460 784 None Audio cupt/ 200 100 200 None CNC data CNC data input/output 383 210 437 None Multi-channel 462 462 None 462 None Chroadia GOT patform library 200 77<		Printer		1104	522	1104	None	SU	Q motion mo	nitor		770	390	607	None
Bit Note basis fort (Chrese: Simplified) (with Hangu) 2016 2016 2016 None Video display (Video/RGB 474 292 512 None Red display (Video/RGB 474 292 - None Mittimeda 1074 292 - None Mittimeda 1074 292 - None Backup/restruation 766 420 820 None Backup/restruation 730 460 784 None Audio cupt/ 200 100 200 None CNC data CNC data input/output 383 210 437 None Multi-channel 462 462 None 462 None Chroadia GOT patform library 200 77<		Operatio	n log (device name conversion library)	800	400	800	None	ctio	Servo amplifi	er monitor		770	390	524	None
Bit Note basis fort (Chrese: Simplified) (with Hangu) 2016 2016 2016 None Video display (Video/RGB 474 292 512 None Red display (Video/RGB 474 292 - None Mittimeda 1074 292 - None Mittimeda 1074 292 - None Backup/restruation 766 420 820 None Backup/restruation 730 460 784 None Audio cupt/ 200 100 200 None CNC data CNC data input/output 383 210 437 None Multi-channel 462 462 None 462 None Chroadia GOT patform library 200 77<			Stroke font support function	400	400	400	None	E.	CNC monitor			770	390	588	None
Bit Note basis fort (Chrese: Simplified) (with Hangu) 2016 2016 2016 None Video display (Video/RGB 474 292 512 None Red display (Video/RGB 474 292 - None Mittimeda 1074 292 - None Mittimeda 1074 292 - None Backup/restruation 766 420 820 None Backup/restruation 730 460 784 None Audio cupt/ 200 100 200 None CNC data CNC data input/output 383 210 437 None Multi-channel 462 462 None 462 None Chroadia GOT patform library 200 77<		Stroko	Stroke basic font (Japanese)	2160	2160	2160	None	Jal		GOT platform I	ibrary	200	77	100 *5	None
Bit Note basis fort (Chrese: Simplified) (with Hangu) 2016 2016 2016 None Video display (Video/RGB 474 292 512 None Red display (Video/RGB 474 292 - None Mittimeda 1074 292 - None Mittimeda 1074 292 - None Backup/restruation 766 420 820 None Backup/restruation 730 460 784 None Audio cupt/ 200 100 200 None CNC data CNC data input/output 383 210 437 None Multi-channel 462 462 None 462 None Chroadia GOT patform library 200 77<	s		Stroke basic font (Japanese) (with Hangul)	3175	3175	3175	None	otio	SFC monitor	SFC monitor		1940	608	1373 <mark>*5</mark>	None
monopole operation Violation OS and explore the optional function OS is not explored function oxplored function OS is not explored function	tio		Stroke basic font (Chinese: Simplified)	1474	1474	1474	None	ő		GOT function e	extension library	19381	4728	4728 <mark>*5</mark>	None
monopole operation Violation OS and explore the optional function OS is not explored function oxplored function OS is not explored function	- Ch		Stroke basic font (Chinese: Simplified) (with Hangul)	2016	2016	2016	None			Gateway (serve	er, client)	100	50	100	None
monopole operation Violation OS and explore the optional function OS is not explored function oxplored function OS is not explored function	d f			474	202	512	None		Gateway						
monopole operation Violation OS and explore the optional function OS is not explored function oxplored function OS is not explored function	pd		blay			512	None)	-			None
monopole operation Violation OS and explore the optional function OS is not explored function oxplored function OS is not explored function	ste									-					
gesture Remote personal computer operation 84 None Backup/restoration 766 420 820 None Audio output 730 460 784 None Audio output 200 100 200 None Audio output 200 100 200 None CNC data (Or data input/output) 383 210 437 None Imput/outpl (COT platform library 200 77 100 None None Maintenance time notification #22 #22 None None None Multi-channel #22 #22 None None None Multi-channel #22 #22 None None None Stroke font (Chinese: Traditional) 1280 1280 None None Stroke font (Chinese: Traditional) 1280 1280 None None Goreation requires to install decortion (Chinese: Traditional) 1280 None None Stroke font (Chinese: Tr	ш		Video/TiGD										tion OS, but d	loes not use th	ne user area.
Operator authentication 730 460 784 None Audio output 200 100 200 None Non		operation				-									
Upsilo Use and additional paral 1/30 <th< td=""><td></td><td>· ·</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		· ·													
Audio dupul 200 100 200 None External IO, operation panel 100 70 100 None Input/output 383 210 437 None Input/output GOT platform library 200 77 100 None Device data transfer 100 50 100 None None Multi-chance time notification #2 #2 None None None Standard fort (Chinese: Simplified) 1280 1280 1280 None Stroke fort (Japanese) 1280 1280 1280 None Document display 3072 150 2004 None Stroke fort (Chinese: Traditional) 1280 1281 None Manual (8.9 Data transfer y memory cand)' Set boot source of DS to 'A: standard CF card.* Corr Stroke fort (Chinese: Traditional) 1280 1280 None Memory extension (Install optional function board with expansion memory) Document display 3072 150 2004 None Memory extension (Inst		Operator authentication		730	460	-	None								
External I/0, operation panel 100 70 100 None CNC data CNC data input/output 383 210 437 None Device data input/output GDT platform library 200 77 100 None Maintenance time notification %2 %2 None None Standard fort (Chinese: Simplified) 1280 1280 None Multi-channet %2 %2 %2 None Standard fort (Chinese: Simplified) 1280 1280 None Standard fort (Chinese: Simplified) 1280 1280 1280 None Standard fort (Chinese: Simplified) 1280 1280 None Stroke fort (Chinese: Simplified) 1280 1280 1280 None None Standard fort (Chinese: Simplified) 1280 1280 None Stroke fort (Chinese: Simplified) 1280 1280 None None Standard fort (Chinese: Simplified) Standard fort (Chinese: Simplified) 1248 None Doperation log 0,27 150 2048 None		Audio output													
CNC data CNC data input/output 383 210 437 None input/output GOT platform library 200 77 100 None Device data transfer 100 50 100 None None Maintenance time notification #2 #2 None None None Multi-channer #2 #2 None None None None Standard font (Chinese: Simplified) 1280 1280 None None Standard font (Japanese) 1280 1280 None Stroke font (Japanese) 1037 1037 None Stroke font (Chinese: Traditional) 1680 1680 None Operation log Operation log Stroke font (Chinese: Traditional) 1680 1680 None Logging#4 710 380 740 None None None MeLisEC-A ladder monitor None None None None None Operation log Document display 3072 150 2048 </td <td></td> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td colspan="6"></td>															
Device data transfer 100 50 100 None Multi-channel #2 #2 #2 None Multi-channel #2 #2 #2 None Standard font (Chinese: Simplified) 1280 1280 None Standard font (Chinese: Traditional) 1920 1920 None Stroke font (Japanese) 1280 1280 None Operation log Stroke font (Chinese: Traditional) 1680 1680 None Operation log 1221 384 1218 None None Kana-Kanji conversion None None None None Kana-Kanji conversion None 1221 384 1218 None Logging*4 710 380 740 None Cor None Historical trend graph*3 #2 #2 None None Cor Cormunication driver name Logging*4 710 380 740 None None Multisconnected Communication driver name		CNC da	a CNC data input/output	383		-	None								
Maintenance time notification #2 #2 Walt			input/output GOT platform library											al function	
Multi-channel #2 #2 #2 None Multi-channel Standard font (Chinese: Simplified) 1280 1280 None Chinese Standard font (Chinese: Simplified) 1280 1280 None Chinese Standard font (Chinese: Simplified) 1280 1280 None Stroke font (Japanese) 1037 1037 None Stroke font (Japanese) 1037 None Stroke font (Chinese: Traditional) 1280 1280 None Memory extension (install optional function board with expansion memory.) Operation log 1221 384 1218 None Memory extension (install optional function board with expansion memory.) Document display 3072 150 2044 None Memory extension (install optional function board with expansion memory.) Mistorical trend graph%3 #2 #2 None None Memory extension (install optional function board with expansion memory.) Memory extension (install optional function board with expansion memory.) 1274 242 1274 None Kana-Kanji conversion None None Meinstorial trend graph%3 %2 %2 %2 <														ve, the	
Standard font (Chinese: Simplified) 1280 1280 None Standard font (Chinese: Traditional) 1920 1920 None Standard font (Chinese: Traditional) 1920 1920 None Stroke font (Japanese) 1280 1280 None Stroke font (Japanese) 1037 None Stroke font (Chinese: Traditional) 1680 1680 None Operation log 1221 384 1218 None Document display 3072 150 2048 None Kana-Kanji conversion None None 1221 384 1218 None Usgging*4 710 380 740 None Chinese Communication driver name Capacity of GT16 communication driver name Capacity (KB) Usgging*4 710 380 740 None MetsSec-FX 180 Object script*4 360 180 360 None MetsSec-FX 180 MetsSec-FX 380 180 360 None Metsco			Maintenance time notification						following settings are necessary depending on the GOT to be used.						
Standard font (Chinese: Traditional) 1920 1920 None Chinese Standard font (Chinese: Traditional) 1920 1920 None Standard font (Japanese) 1280 1280 None None Stroke font (Chinese: Simplified) 1281 1280 None Memory extension (install optional function board with expansion memory.) Stroke font (Chinese: Simplified) 1284 1284 None Memory extension (install optional function board with expansion memory.) Operation log 1221 384 1218 None Document display 3072 150 2048 None Kana-Kanji conversion None None None Kana-Kanji conversion (enhanced version) 1274 242 1274 None Negigig#4 710 380 740 None Metuset ontroller, robot controller, motion ontroller, robot controller, motion controller, MELSEC-FX ladder monitor 180 180 MetLSEC-FX ladder		Multi-ch							G	от		Necess	ary setting		
Chinese Standard tont (Lininese: Traditional) 1920 1920 1920 None Standard tont (Lininese: Inditional) 1920 1280 None Image: Chinese Chine Chinese Chinese Chinese Chinese Chinese Chinese Chinese Chines									GT157	GT1562-VN	· Set boot source of O	S to "A: stand	ard CF card."		
region Stroke font (Japanese) 1037 1037 1037 None Stroke font (Chinese: Simplified) 1248 1248 None Operation log 1221 384 1218 None Kana-Kanji conversion None None None Kana-Kanji conversion None None 1223 None Kana-Kanji conversion None None Communication driver name Capacity of GT16 communication driver name Historical trend graph¥3 #2 #2 None None Advanced recipe 1187 310 1241 None MeLSEC-FX ladder monitor 674 342 592 None MeLSEC-FX ladder monitor 674 342 592 None										, 011302-111	· Memory extension (ir	stall optional	function boar	d with expans	ion memory.)
Stroke tont (Chinese: Simplified) 1248 1248 None Operation log 1221 384 1218 None Document display 3072 150 2048 None Kana-Kanji conversion None None 1223 None Kana-Kanji conversion None 1224 1274 None Logging#4 710 380 740 None Recipe 100 70 100 *11 Advanced recipe 1187 310 1241 None Uadder MELSEC-FX ladder monitor 674 342 592 None MetLSEC-FX ladder monitor 674 342 592 None MetLSEC-FX ladder monitor 674 342 592 None MetLSEC-FX ladder monitor 674 342 592 None		Chinese							Other than at	oove	· Memory extension (ir	stall optional	function boar	d with expans	ion memory.)
Stroke font (Chinese: Traditional) 1680 1680 None Operation log 1221 384 1218 None Document display 3072 150 2048 None Kana-Kanji conversion None None None Kana-Kanji conversion None None Logging#4 710 380 740 Advanced recipe 100 70 100 *1 Advanced recipe 1187 310 1241 None Ladder monitor 674 342 592 None MELSEC-FX ladder monitor 674 342 592 None		region						For setting the boot source of the OS, see "GT Designer2 Version, Basic Operation/Data Transfer					ansfer		
Operation log 1221 384 1218 None Operation log Document display 3072 150 2048 None Kana-Kanji conversion None None 1223 None Kana-Kanji conversion 1274 242 1224 None Historical trend graph%3 #2 #2 #2 None Historical trend graph%3 #2 #2 #2 None Advanced recipe 1187 310 1241 None Object script%4 360 180 360 None MELSEC-FX ladder monitor 674 342 592 None Microcomputer Microcomputer Microcomputer 160 Microcomputer Microcomputer 160 230															
Verticity None None None None None Item 123 None Kana-Kanji conversion 1274 242 1274 None Bus connected Communication driver name Capacity (KB) Historical trend graph%3 #2 #2 None None Bus connected Bus connection Q 180 Logging%4 710 380 740 None Mitsubishi PLC, None None None None None	suc										ace function uses 8218	KB of the external	nded memory	(GT15-MESB	48M(48MB))
Verticity None None None None None Item 123 None Kana-Kanji conversion 1274 242 1274 None Bus connected Communication driver name Capacity (KB) Historical trend graph%3 #2 #2 None None Bus connected Bus connection Q 180 Logging%4 710 380 740 None Mitsubishi PLC, None None None None None	octio					-									
6 Kana-Kanji conversion (enhanced version) 1274 242 1274 None Historical trend graph%3 #2 #2 #2 None Logging#4 710 380 740 None Advanced recipe 1187 310 1241 None Object script#4 360 180 360 None Ladder monitor MELSEC-A ladder monitor 674 342 592 None Microcomputer Microcomputer Microcomputer Ethernet (Vaskawa Electric Corporation) 160	f							[Т	able B 】C	apacity of	GT16 communi	cation dr	iver		
Logging#4 710 380 740 None Recipe 100 70 100 \$*1 Advanced recipe 1187 310 1241 None Object script\$*4 360 180 360 None Ladder monitor 674 342 592 None MELSEC-FX ladder monitor 674 342 592 None	nal		,						Units conn	ected	Communication of	lriver name		Capacity (KB)
Logging#4 710 380 740 None Recipe 100 70 100 \$*1 Advanced recipe 1187 310 1241 None Object script\$*4 360 180 360 None Ladder monitor 674 342 592 None MELSEC-FX ladder monitor 674 342 592 None	otio		, , ,							E	Bus connection Q				
Height Inc None None MeLSEC-FX MeLSEC-FX 180 Advanced recipe 1187 310 1241 None MeLSEC-KIR MeLSEC-EXCENTIAL 200 Ladder monitor 674 342 592 None Third party PLC, JTEKT Corporation TOYOPUC-PC 160 MeLSEC-FX ladder monitor 674 342 592 None Metor computer Metor computer 160	ō									A	VQnA/QCPU, QJ71C2	1		180	
Interpret 100 70			k 4							, N	MELSEC-FX			180	
Available feetpe From Store Color CC-Link IE controller network 200 Object script%4 360 180 360 None Third party PLC, JTEKT Corporation TOYOPUC-PC 160 Ladder monitor 674 342 523 None motion controller Etheret (Yaskawa Electric Corporation) 160 MELSEC-FX ladder monitor 674 342 592 None Microcomputer Microcomputer connection 230		· ·								N	MELSECNET/H			200	
Ladder monitor MELSEC-FX ladder monitor 674 342 523 None Miting any PLO, STERT Subject and in Property of the party PLO, STERT Subject and in Property PLO, STERT Subject and in Propeary PLO, <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>CI</td><td>NC</td><td>C</td><td>CC-Link IE controller ne</td><td>twork</td><td></td><td>200</td><td></td></t<>								CI	NC	C	CC-Link IE controller ne	twork		200	
Ladder MELSEC-FX ladder monitor 674 342 592 None Microcomputer Microcomputer connection 230		Object s						Th	hird party PLC,	J	TEKT Corporation TO	OPUC-PC		160	
monitor MLSEC-FX ladder monitor 674 342 592 None Microcomputer connection 230		Ladder			-		None	m	otion controller	E	Ethernet (Yaskawa Elec	tric Corporatio	on)	160	
					-			M	licrocomputer	N	Aicrocomputer connect	on		230	
			MELSEC-Q/QnA ladder monitor	4170	590	1082	None	Co	ommunication of	drivers other that	n above			150	

To use the multi-channel function <GT16/GT15>

The multi-channel function is designed to connect and monitor multiple FA devices by mounting multiple communication units on a single GOT unit or by using the standard interface

- Acceptable combinations
- The following connection combinations can be used for the multi-channel function.
- When using GT16:
- 1)Bus connection, or network connection *1 + serial connection *2
- ②Bus connection, or network connection *1 + Ethernet connection *3
- ③Ethernet connection *3 + serial connection *2
- (4) Bus connection, or network connection *1 + Ethernet connection *3 + serial connection *
- (5) Serial connection *2
- 6 Ethernet connection *3
- When using GT15:
- ①Bus connection, network connection *1, or Ethernet connection *3 + serial connection *2
- ②Serial connection *2
- *1: The network connections include the following connection configurations. •MELSECNET/H connection •MELSECNET/10 connection •CC-Link IE connection •CC-Link connection (ID)
- *2: The serial connections include the following connection configurations.
 •CPU direct connection •Computer link connection •CCL-link connection (via G4)
 •Microcomputer connection •Computer link connection •CNC connection (CPU direct connection)
 •Inverter controller connection •CNC connection (CPU direct connection)
- *3: The Ethernet connections include the following connection configurations.
- Ethernet connection •MODBUS®/TCP connection

		GT1695/GT1685 GT1595/GT1585GT157 /GT156	GT155					
	Number of connectable channels	up to 4 channels		For GT16: The num • Only one channel Ethermet connecti • When the Etherne the interface is not • When the RS-232 in the number of George See "Calculat For GT15: The num • Only one channel				
(1)				 When the Ethern the unit is not incl When the RS-232 in the number of See "Calculation" 				
	Number of mountable units	Up to 5 units	Up to 3 units	The number of unit • More than one se • Optional units are • RS-422 conversion • It is necessary to © See "Calculated"				
(2)	Number of mounting stages	Up to 3 stages (2 slots)	Up to 3 stages (1 slot)	The number of mou • Units that occupy • When any units in • Units in *9 canno © See "External				
	*4: Ethernet download function, gateway function and MES interface function *7: GT15-QBUS2, GT15-ABUS *5: Barcode function, RFID function, remote personal computer operation function, *8: GT16M-V4, GT15V-75V4,							
		nction, OS install and project data download		5-75QBUSL, GT15-75				
<mark>≉6</mark> ∶GT	*6: GT15-RS2-9P, GT15-RS4-9S and GT15-RS4-TE							

			User area size to be used (KB)					
		Function	G	Г16	GT15	GT11		
			RAM	ROM	GTT5			
	A list editor	MELSEC-A list editor	1024	542	1058	*1		
	FX list editor	MELSEC-FX list editor	1024	542	1058	*1		
	Intelligent un	it monitor	770	390	384	None		
	Network mon	itor	370	210	324	None		
S	Q motion mo	nitor	770	390	607	None		
ŝ	Servo amplifi	er monitor	770	390	524	None		
£	CNC monitor		770	390	588	None		
Optional functions		GOT platform library	200	77	100 *5	None		
ţ	SFC monitor	SFC monitor	1940	608	1373 *5	None		
ŏ		GOT function extension library	19381	4728	4728 *5	None		
		Gateway (server, client)	100	50	100	None		
	Gateway	Gateway (mail)	100	50	100	None		
		Gateway (FTP)	84	50	64	None		
	MES interfac	e	13461	1598	3196 *6	None		

		Necessary setting				
Î	GT157 -VN. GT1562-VN	 Set boot source of OS to "A: standard CF card." 				
		·Memory extension (install optional function board with expansion memory.)				
Other than above · Memory extension (install optional function board with expansion r						
	For setting the boot source of the OS, see "GT Designer2 Version , Basic Operation/Data Transfer					

Maximum number of connectable channels, mountable units and mounting stages (1) Number of connectable channels

- The number of connectable channels varies depending on the GOT model. See the following table (2) Number of mountable units and mounting stages
- When the multi-channel function is used, add interfaces on the GOT side by any of the following methods.
- (a) Stack communication units on the extension unit interface.
- (b) Mount communication units on the extension unit interface to use the unit in combination with the standard interface. The number of mountable units and mounting stages vary depending on the GOT model. See the following data.
- *: The performance of GOT may be affected depending on the configuration of connected de

Optional function board Not necessary when using the GT16.

The GT15 requires an optional function board. Use the optional function board GT15-QFNB(\square M) or GT15-MESB48M. The GT15-FNB cannot be used.

Communication driver

A communication driver must be installed for each of the connection configurations.

For GT16, the communication driver is installed in the user area.

For GT15, communication drivers for the second and subsequent channels will be installed in the user area.

mber of communication ports (communication units and interfaces) for use for communication on GOT. later or GOTT can be connected in bus connection and network connection. tion is available up to four channels. et interface built in the GOT is used for functions other than communication with the connected device *4,

ot included in the number of connected channels. 32 standard interface is used for connection ^{#5} with a peripheral device, the interface is not included

nnected channels tion of current consumed by units <GT16/GT15>" (page 80).

mber of communication ports (communication units and interfaces) for use for communication on GOT. el per one GOT can be connected in bus connection and network connect el per one GOT can be connected in bus connection and network connection. net communication unit is used for functions other than communication with the connected device *4, cluded in the number of connected channels. 32 standard interface is used for connection *5 with a peripheral device, the interface is not included

connected channels.

ation of current consumed by units <GT16/GT15>" (page 80).

its that can be mounted on the extension unit interfaces 1 and 2 of GOT

Institut can be mounted of the extension unit interfaces i and erial communication unit *6 of the same model can be mount re included in the number of units. ion units are not included in the number of units.

o calculate the total current consumed by the units to be mounted. ation of current consumed by units < GT16/GT15>" (page 80).

ounting stages that units can be stacked on the extension unit interfaces 1 and 2 of GOT

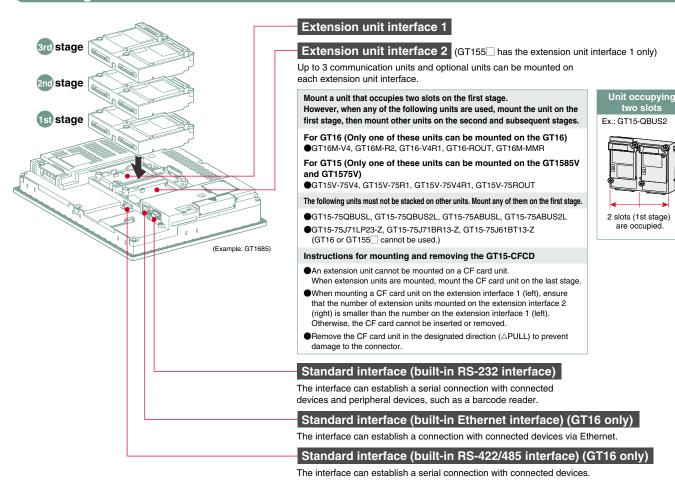
y two slots *7 ⁸⁶ must be mounted on the first stage. n *8 is used, mount the units. Mount any of the units on the first stage, al dimensions" (page 76) and "Mount any of the units on the first stage. al dimensions" (page 76) and "Mounting units on the GOT side interface <GT16/GT15>" (page 80).

S2, GT15-J71LP23-25, GT15-J71BR13, GT15-J61BT13, GT15-J71GP23-SX

, GT16M-R2, GT15V-75R1, GT16M-V4R1, GT15V-75V4R1, GT16M-ROUT, GT15V-75ROUT, GT16M-MMR 5QBUS2L, GT15-75ABUSL, GT15-75ABUS2L, GT15-75J71LP23-Z, GT15-75J71BR13-Z, GT15-75J61BT13-Z t of Con Models

Ъ

Mounting units on the GOT side interface <GT16/GT15>



Calculation of current consumed by units <GT16/15>

When using multiple units, a barcode reader, and a RFID controller, the total current consumed by the units, barcode reader and RFID controller must be less than the current that can be supplied by the GOT. Design the system using the following values so that the total current is within the range of the current supply capacity of the GOT.

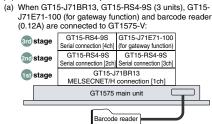
(1) Current that can be supplied by the GOT (2) Current used by units, barcode reader and RFID controller

(.) outon that out o	o cupplica by allo do l			ao roador ana rin ib	
GOT model	Current supply capacity (A)	Unit model	Consumed current (A)	Unit model	Consumed current (A)
GT1695	2.4	GT15-QBUS		Barcode reader	*2
GT1685	2.4	GT15-QBUS2	0.275*1	GT15-PRN	0.09
GT1595	2.13	GT15-75QBUSL	0.275*1 -	GT16M-V4	0.12 *1
GT1585		GT15-75QBUS2L		GT15V-75V4	0.2 *1
(incl. GT1585V)	1.74	GT15-ABUS		GT16M-R2	0 *1
· /		GT15-ABUS2	0.12	GT15V-75R1	0.2 *1
GT157	2.2	GT15-75ABUSL	0.12	GT16M-V4R1	0.12 *1
(incl. GT1575V)		GT15-75ABUS2L		GT15V-75V4R1	0.2 *1
GT156	2.2	GT15-RS2-9P	0.29	GT16M-ROUT	0.11 *1
GT155	1.3	GT15-RS4-9S	0.33	GT15V-75ROUT	0.11
		GT15-RS4-TE	0.3	GT16M-MMR	0.27 *1
		GT15-RS2T4-9P	0.098	GT15-CFCD	0.07
		GT15-J71E71-100	0.224	GT15-CFEX-C08SET	0.15
		GT15-J71GP23-SX	1.07	GT15-SOUT	0.08
		GT15-J71LP23-25	0.56	GT15-DIO	0.1
		GT15-J71BR13	0.77	GT15-DIOR	0.1
		GT15-J61BT13	0.56	RFID controller	*2

*1: This value is used for calculating the current consumption of multi-channel functions. For the specifications of each unit, see the manual supplied with each unit. *2 : When using a barcode reader or a BFID controller to which the power is supplied

from the standard interface, add the current to be used by the barcode reader and RFID controller at 5VDC. (Maximum less than 0.3A)

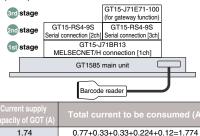






2.2 Since the total current is within the current supply capacity of the GOT, the units can be used.

(b) When GT15-J71BR13, GT15-RS4-9S (2 units), GT15-J71E71-100 (for gateway function) and barcode reader (0.12A) are connected to GT1585-S:



0.77+0.33+0.33+0.224+0.12=1.774 Not allowed to use because the current exceeds the current supply capacity of the GOT.

GT Designer2 (English version) operating environment

Item	Desc	ription				
Personal computer	PC/AT compatible machine on which Windows® operates					
OS	Microsoft® Windows®98 Operating System (English version)*8 Microsoft® Windows® Millennium Edition Operating System (English version)*8 Microsoft® WindowsNT® Workstation 4.0 Operating System Service Pack 3 or later (English version)*1*8 Microsoft® Windows® 2000 Professional Operating System Service Pack 4 or later (English version)*1*8	Microsoft® Windows® XP Professional Operating System Service Pack 2 or later (English version)#22448548 Microsoft® Windows® XP Home Edition Operating System Service Pack 2 or later (English version)#22448548 Microsoft® Windows Vista® Ultimate Operating System (English version)*3444548 Microsoft® Windows Vista® Enterprise Operating System (English version)*3444558 Microsoft® Windows Vista® Business Operating System (English version)*3444558 Microsoft® Windows Vista® Home Premium Operating System (English version)*3444558 Microsoft® Windows Vista® Home Premium Operating System (English version)*344558				
CPU	Pentium [®] 200MHz or higher	Microsoft [®] Windows [®] XP : Pentium II [®] 300MHz or higher Microsoft [®] Windows Vista [®] : 800MHz or more (recommended: 1GHz or more)				
Required memory	64MB or more	Microsoft® Windows® XP : 128MB or more Microsoft® Windows Vista® : 512MB or more (recommended: 1GB or more)				
Free hard	For installation: 1.1GB or more *7					
disk space	For operation: 100MB or more					
Disk drive	CD-ROM disk drive					
Display colors	High color (16 bits) or more					
Display*6	Resolution 800×600 dots or more					
Other	Internet Explorer version 5.0 or later must be installed. Mouse, keyboard, printer and CD-ROM drive that can be used on the above OS					
*2 : To install and use GT I	2, administrator authority is required. Designer2, administrator authority is required.					
*3 : To install GT Designer2, administrator authority is required.						
To use GT Designer2, an account higher than the standard user is required. To use GT Designer2 in cooperation with another application, if an administrator account is used to run the application then use an administrator account to run GT Designer2.						

*4 : The following functions are not supported.

Compatible Mode • Fast User Switching • Desktop Theme (Font) Change • Remote Desktop

*5 : Only the 32-bit OS is applicable.
*6 : To use the MES interface function, the display must have a resolution of 1024 × 768 dots or more

*7: 800MB or more for Windows[®] 98. Windows[®] Millennium Edition and WindowsNT[®]

*8 : The following language versions are also applicable: Chinese (Simplified/Traditional), Korean, German.

GT Simulator2 (English version) operating environment

	Item	De	scription	
Pers	onal computer	PC/AT compatible machine on which Windows® operates		
os		Microsoft® Windows®98 Operating System (English version) Microsoft® Windows® Millennium Edition Operating System (English version) Microsoft® WindowsNT® Workstation 4.0 Operating System Service Pack 3 or later (English version)*2 Microsoft® Windows® 2000 Professional Operating System Service Pack 4 or later (English version)*2	Microsoft® Windows® XP Home E Microsoft® Windows Vista Microsoft® Windows Vista Microsoft® Windows Vista Microsoft® Windows Vista®	ional Operating System Service Pack 2 or later (English version)*3944 idition Operating System Service Pack 2 or later (English version)*39447 © Ultimate Operating System (English version)*39447 © Enterprise Operating System (English version)*39447 © Business Operating System (English version)*39447 Home Premium Operating System (English version)*39447 Home Basic Operating System (English version)*39447
CPU		Pentium® 200MHz or higher		: Pentium II [®] 300MHz or higher [®] : 800MHz or more (recommended: 1GHz or more)
Req	uired memory	64MB or more		: 128MB or more • : 512MB or more (recommended: 1GB or more)
	hard space ^{*1}	For installation (product only) : 700MB or more For operation (product + manual): 950MB or more For operation : 200MB or more		
Disk	drive	CD-ROM disk drive		
Disp	lay colors	For GT16 simulator: 65,536 colors For GT15 simulator: 65,536 colors For GT11 simulator: 256 colors		
Disp	lay	Resolution 800 × 600 dots or more (to use full-screen display function: resolution	n 1024 × 768 dots or more)	
	or creation/editing f project data	GT Designer2 ^{*5}	· ·	
		GX Simulator version 5 or later ^{%6} The GX Simulator software versions for simulating PLC CPUs are as follows.		
		PLC CPU to be simulated	Software version	
5		QCPU (A mode), ACPU, motion controller CPU (A series)	Version 5A or later	
	or use of GX	QCPU (Q mode) (excl. Q00J, Q00 and Q01CPU), QnACPU, FXCPU	Version 5E or later	
	Simulator	Q00JCPU, Q00CPU, Q01CPU	Version 6.00A or later	
		Q02PHCPU, Q06PHCPU	Version 7.20W or later	
		Q12PHCPU, Q25PHCPU Q12PRHCPU, Q25PRHCPU	Version 6.10L or later Version 6.20W or later	
		EX3UC series	version 6.2000 or later	
		FX3UC series	Version 7.08J or later	

*2 : To install GT Simulator2, administrator authority is required.

*3 : To install and use GT Simulator2, administrator authority is required.

*4 : The following functions are not supported. • Compatible Mode • Fast User Switching • Desktop Theme (Font) Change • Remote Desktop

*5 : Use GT Designer2 in the GT Works2 containing GT Simulator2.
 *6 : Use GT Simulator2, GX Developer and GX Simulator of the same language version.

*7 : Only the 32-bit OS is applicable.

Adi

GT10

Ha

GOT

GT

SoftGOT1000 Version2

ö

Function list

GT16 GT15 GT SoftGOT

	•	GI15 GI SoftGOI	E N	5.0	Ŷ							Model					
>			ctio	unctio	*	e	G1	16					15				
Category		Eurotion#1	Ē	onal f	ary	bag		GT1685M	GT1595	GT1585(\/)	GT1575(V)	GT1575	GT157	GT1565	GT1562	GT155	GT
ate		Function*1		doptio	ssa		-XTB	-STB	-XTB	-STB	-STB	-VTB	-VNB	-VTB	-VNB	BD	SoftGOT 1000
ပိ			ard	ended install	Othe nece: devic	Details	XGA	SVGA	XGA	SVGA	SVGA	VGA	VGA	VGA	VGA	VGA/QVGA	Version2
			õå	S Exte	õ e e	ă	15"	12.1"	15"	12.1"	10.4"	(10.4")	10.4"	8.4"	8.4"	5.7"	*4
		Bus connection					•										_
		CPU direct connection						•				•		•	•		•
	ŀ	Computer link connection					•	•									•
		MELSECNET/H connection						•	•	•	•	•	•	•	•	•	
	ł	MELSECNET/10 connection				P.62~	•		•		•	•	•	•	•	•	•
5	ŀ	CC-Link IE controller network connection					•	•		•	•			•	•	•	•
Connection configuration		CC-Link connection (ID station/via G4)					•	•									—
ng	ŀ	Ethernet connection					•	•	•	•	•	•	•	•	•		•
j	ŀ	Third party PLC connection							•	•	•	•	•	•	•	•	
č	ŀ	Microcomputer connection			*11			•	•	•	•	•	•	•	•	•	_
ţi	ŀ	MODBUS [®] /TCP connection							•	•	•	•	•	•	•	•	-
je	ŀ	Temperature controller connection					•	•	•	•	•	•	•	•	•	•	-
ũ	ľ	Inverter connection						•									-
Ŭ	ľ	Servo amplifier connection				P.28, 62~	•	•									-
	Ī	CPLI direct connection						•									
		CNC MELSECNET/10 connection					•	•									-
		connection CC-Link (ID station) connection					•	•									-
		(C6/C64) Ethernet connection					•	•									•
	ľ	Robot controller connection (CRnD-700)			1		•	•				•					
Ž	<u> </u>	Standard memory capacity					15MB	15MB	9MB	9MB	9MB	9MB	5MB	9MB	5MB	9MB	57MB
Memory	Ĭ		Required*2		CE	P.26, 67~	Up to	Up to	Up to	Up to	Up to	Up to	Up to	Up to	Up to	Up to	
Me	ž		(GT15 only)		CF card		57MB	57MB	57MB	57MB	57MB	57MB	57MB	57MB	57MB	57MB	_
		6,5536 colors					•	•	•	•	•	•	_	•	_	GT1555-	•
		0,0000 00000												-		TBD only	
		4,096 colors					_	_	_	_	_	_	_	_	_	GT1555-	_
ŝ	<u>n</u>	-,000 001013														QSBD only	
loc	3	256 colors					_	_	_	_	_	_	GT1575-	_	_		_
C C	2												VNB only				
Display colors	2	16 colors					_	_	_	_	_	_	GT1572-	_	•	_	_
Sic	ŝ												VNB only		-		
		Monochrome (black/white) 16 gray scales					-	_	_	_	_	_	_	_	_	GT1550-	_
							_		_	_	_	_	_	_	_	QLBD only	_
		Monochrome (black/white) 2 colors						_	_	_	_	_	_		_	-	_
		Monochrome (blue/white) 16 gray scales					—	_	_	_	_	—	-	_	—	_	-
-							_	_	_	_	_	_	_	_	_	_	•
		1600 × 1200 dots (UXGA) 1280 × 1024 dots (SXGA)						_		_	_		_	_	-	_	
		1280 × 1024 dots (SXGA) 1024 × 768 dots (XGA)					-	_	•	_	_	-	_	_	_	_	
5		1024 × 768 dots (XGA) 800 × 600 dots (SVGA)					_	-	-	•	•		_	_	-	_	•
rti																	-
sol	200	$640 imes 480 ext{ dots (VGA)}$					-	—	-	—	-			•		GT1555-	•
Be	č	320 × 240 dots (QVGA)				P.67~	-	_	-	_	-	_	_	_	-	VTBD only	-
Ś	Resolut	288 × 96 dots					_	_	_	_	_	_	_	_	_	_	_
Hardware specifications		160 × 64 dots					_	_	_	_	_	_	_	_	_	_	_
cat		RS-232 interface					-	•	•	•	•	•	•	•	•	•	
cifi																	
be		RS-422 interface					*5	*5	*5	*5	*5	*5	*5	*5	*5	-	-
és		RS-422/232 interface					-	_	_	_	_	_	_	_	_	_	-
war		RS-422/485 interface					•	•	-	-	-	-	-	-	-	-	-
e ard	R I	Bus interface					_	_	_	_	-	-	-	_	_	-	_
Han	a	Ethernet interface					•	•	-	-	-	-	-	-	-	-	-
		LISB host					•	•	-	-	-	-	-	-	-		-
	E	USB interface USB device					•	•	•			•					-
Built-in inte		CF card interface					•	•									-
-	u	Optional function board interface					•	•	•			•			•		-
		·					•	•	•						۲		
		Extension unit interface					2ch	2ch	2ch	2ch	2ch	2ch	2ch	2ch	2ch	1ch	
		Multimedia & Video/RGB interface					•		-	-	-	1	-	-	-	—	-
		Video/RGB interface					_	_	_			_	_	_	_		_
										GT1585V only	,						
		Vertical display					-	-	-	_	-	-	-	-	_	_	_
		Clock function			(Battery)		•		•			•	•	•	•	•	•
	H	Duran autout			1	P.67~							•	•	•	•	•
	ļ	Buzzer output					-	_			-			-	-	-	-
		Human sensor		Dominut	Deleter - 1	D 00	•			•	-	-	-	-	_		
		· · ·		Required		P.28	•	•	• •	•	-	•	•	•	•	-	
ther		Human sensor		Required	CF card unit/	P.28	-	-			-	•		•	•	•	
Other	Onlei	Human sensor Printer CF card unit (CF card extension unit)			CF card unit/ CF card extension unit	P.28	•	•	•	•	•	•	•	•	•	•	_
Other		Human sensor Printer CF card unit (CF card extension unit) Sound output		Required	CF card unit/ CF card extension unit Sound output unit		•	•	• • •	•	- •	• •	•	•	•	•	-
Other		Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output		Required	CF card unit/ CF card extension unit Sound output unit External input/output unit	P.31	•	•	•	•		•	•	•	•	•	•
Other	Onlei	Human sensor Printer CF card unit (CF card extension unit) Sound output		Required	CF card unit/ CF card extension unit Sound output unit External input/output unit Video/RGB		•	•	• • •	•		• •	•	•	•	•	-
Other	Outer	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output		Required Required	CF card unit/ CF card extension unit Sound output unit External input/output unit	P.31	•	•	• • •	• • •		•	•	•	•	•	-
Other	One	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function		Required Required	CF card unit/ CF card extension unit Sound output unit External input/output unit Video/RGB	P.31 P.30	•	•	•	GT1585V only	GT1575V only	•	•	•	•	•	_
Other	Outer	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output		Required Required	CF card unit/ CF card extension unit Sound output unit External input/output unit Video/RGB	P.31	• • • •	• • • •	• • • •	GT1585V only		•	• • • •	•	•	•	-
	Orrel	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation	Required*2	Required Required	CF card unit/ CF card extension unit Sound output unit External input/output unit Video/RGB unit CF card	P.31 P.30 P.67~			• • • • •			• • • •	• • • • •	• • •	• • -	• • • •	-
		Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure	Required*2 (GT15 only)	Required Required	CF card unit/ CF card extension unit Sound output unit External input/output unit Video/RGB unit	P.31 P.30	• • • • •	• • • • •	• • • •	GT1585V only		• • • •	• • • •	• • •	• • • •	• • • •	-
	Guier	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation		Required Required	CF card unit/ CF card extension unit Sound output unit External inputoutput unit Video//RGB unit CF card CF card (CF card)	P.31 P.30 P.67~			• • • • •			• • • •	• • • • •	• • •	• • -	• • • •	
		Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card		Required Required	CF card unit/ CF card extension unit Sound output unit External inputouput unit Video/RGB unit CF card CF card (CF card) (CF card)	P.31 P.30 P.67~				GT1585V only			• • • • • • • • •	• • • •	• • • • •	• • • • •	-
		Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload		Required Required	CF card unit/ CF card extension unit Sound output unit External inputoutput unit Video//RGB unit CF card CF card (CF card)	P.31 P.30 P.67~										• • • • •	-
		Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function	(GT15 only)	Required Required	CF card unit/ CF card extension unit Sound output unit External inputoutput unit Video/RGB unit CF card CF card (CF card) (CF card) USB memory	P.31 P.30 P.67~								• • • • •			-
		Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function	(GT15 only) Required*2	Required Required	CF card unit/ CF card extension unit Sound output unit External inputoutput unit Video/RGB unit CF card CF card (CF card) (CF card) USB memory	P.31 P.30 P.67~ P.26 P.43											
Main unit functions Other		Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function	(GT15 only)	Required Required Required	CF card unit OF card setersion unit Sound output unit Etern input unit Dem input unit CF card CF card (CF card) (CF card) (CF card) USB memory <gt 16="" only="">)</gt>	P.31 P.30 P.67~ P.26								• •			
	Ontel	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function Gateway function	(GT15 only) Required ^{®2} (GT15 only)	Required Required Required	CF card unit CF card extension unit Sound output unit Element patholytu onit Element patholytu onit CF card CF card (CF card) (CF card) (CF card) (CF card) (CF card)	P.31 P.30 P.67~ P.26 P.43 P.29 P.32				(GT1585V only (GT1585V only (GT158							
Main unit functions	-	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function Gateway function	(GT15 only) Required*2	Required Required Required	CF card unit OF card setersion unit Sound output unit Etern input unit Dem input unit CF card CF card (CF card) (CF card) (CF card) USB memory <gt 16="" only="">)</gt>	P.31 P.30 P.67~ P.26 P.26 P.43 P.29				GT1585V only GT1585V only Up to 4ch		• • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • •			
Main unit functions	-	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function Gateway function MES interface function Base screen	(GT15 only) Required ^{®2} (GT15 only)	Required Required Required	CF card unit CF card extension unit Sound output unit Element patholytu onit Element patholytu onit CF card CF card (CF card) (CF card) (CF card) (CF card) (CF card)	P.31 P.30 P.67~ P.26 P.43 P.29 P.32				GT1585V only GT1585V only Up to 4ch							
Main unit functions	-	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function Gateway function MES interface function Base screen Superimposed window display	(GT15 only) Required ^{®2} (GT15 only)	Required Required Required	CF card unit CF card extension unit Sound output unit Element patholytu onit Element patholytu onit CF card CF card (CF card) (CF card) (CF card) (CF card) (CF card)	P.31 P.30 P.67~ P.26 P.43 P.29 P.32					GT1575V only						
	-	Human sensor Printer CF card unit (CF card extension unit) Sound output External input/output Video input / RGB input / RGB output Backlight OFF detection function Protective structure Boot OS installation Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function Gateway function MES interface function Base screen	(GT15 only) Required ^{®2} (GT15 only)	Required Required Required	CF card unit CF card extension unit Sound output unit Element patholytu onit Element patholytu onit CF card CF card (CF card) (CF card) (CF card) (CF card) (CF card)	P.31 P.30 P.67~ P.26 P.43 P.29 P.32				GT1585V only GT1585V only Up to 4ch							

GT11 GT10

	<u>></u>		Incti	al function *2	у *3	age		GT
	Categor	Function*1	Optional fu board	Extended/options OS installation	Other necessar devices	Details page	GT115 -Q_BD QVGA 5.7"	GT11 -Q_E QV0 5.7
		Bus connection CPU direct connection					-	
		Computer link connection					•	_
		MELSECNET/H connection					-	-
	_	MELSECNET/10 connection CC-Link IE controller network connection				P.62~	_	
Connection configuration		CC-Link connection (ID station/via G4)					Via G4 only	-
ite	5	Ethernet connection					_	-
2	3	Third party PLC connection Microcomputer connection					•	-
-to	5	MODBUS®/TCP connection					-	-
-		Temperature controller connection					•	-
č	3	Inverter connection Servo amplifier connection				P.28, 62~	•	-
		CNC CPU direct connection						-
		CC-Link (ID station) connection					_	-
		(C6/C64) Ethernet connection					-	-
	~	Robot controller connection (CRnD-700)					-	-
	Memory	Standard memory capacity Total memory capacity when using				P.26, 67~	3MB	ЗN
	В	optional memory (standard + optional)					-	
		65,536 colors					-	-
		4,096 colors					_	-
	solors	256 colors				1	GT1155-	GT11
	Display colors	16 colors				-	Q BD only	Q BDQ
	Dis	Monochrome (black/white) 16 gray scales					GT1150-	GT11
		Monochrome (black/white) 2 colors					QLBD only	QLBDQ
						1	_	
		Monochrome (blue/white) 16 gray scales					_	_
		1600 × 1200 dots (UXGA) 1280 × 1024 dots (SXGA)				-	-	-
	Ę	1024 × 768 dots (XGA)				1	-	-
	Resolution	800 × 600 dots (SVGA)					_	-
	leso	640 × 480 dots (VGA)				P.67~	-	_
s	"	320 × 240 dots (QVGA) 288 × 96 dots					-	
Hardware specifications		160 × 64 dots					-	-
ifica		RS-232 interface				-		
spec		RS-422 interface					•	-
are (RS-422/232 interface					-	-
Indw		RS-422/485 interface Bus interface					_	
Ha	erface	Ethernet interface					-	-
	n inte	USB interface USB host USB device					-	-
	Built-in inter	CF card interface					•	
		Optional function board interface				1	•	-
		Extension unit interface					-	-
		Multimedia & Video/RGB interface				1	-	-
		Video/RGB interface					-	-
		Vertical display						
		Clock function Buzzer output				P.67~	•	
		Human sensor				P.0/~	-	-
	<u> </u>	Printer				P.28	-	-
	Other	CF card unit (CF card extension unit)				P.31	-	-
		Sound output External input/output				F.31	_	
		Video input / RGB input / RGB output				P.30	_	
		Backlight OFF detection function				F.30	•	
		Protective structure				P.67~	•	
		Boot OS installation			(CF card)			
	n	Start from CF card				P.26	-	-
		OS installation			(CF card)		•	
tione	Ē	Project data download/upload Resource data upload			(CF card) (CF card)		•	
functions	-	FA transparent function			(, , , , , , , , , , , , , , , , , , ,	P.43	•	
unit functions						P.29		_
ain unit functione		Multi-channel function				F.29	_	
Main unit functione		Gateway function				P.32	-	
		Gateway function MES interface function					-	
Screen design	Specifications	Gateway function				P.32	- - •	-

GT11	Mo	del	GT10*4	
T115	GT115	GT105	GT1030	GT1020
BD QVGA	HS-QBD QVGA*4	-Q BD QVGA	-LBD(W)(2)	-LB_(W)(2)
QVGA 5.7"	5.7"	5.7"	4.5"	3.7"
• -	-	-	-	-
-	•	•	•	•
_	_	-	-	_
_	_	_	_	_
_				
_	Via G4 only	Via G4 only	Via G4 only	Via G4 only
-				
-	•	-	-	-
-	•	-	-	-
_	•	•	•	•
-	•	_	_	-
-	-	-	-	-
_	_	_	_	_
_	-	-	-	-
3MB	3MB	3MB	1.5MB	512KB
-	-	-	-	-
_	_	_	_	_
-			_	_
GT1155- BDQ/A only	GT1155- HS-QSBD only	GT1055- QSBD only	-	-
	_		_	_
GT1150-				
GT1150- BDQ/A only	GT1150-	-	-	-
-	-	-		
—	-	GT1050- QBBD only	—	-
-	-	-	—	—
_	_	_	_	-
-	-	-	-	-
-	-	_	—	_
•	•	•	-	-
-	-	—		-
•	•	•	•	
_	_	•	GT1030-	GT1020-
_		—	LBD(W) only	LBD(W) only
-	-	—	—	-
•	_	_	_	_
-		—	—	-
•	•	•	-	-
 • •		-	-	-
-	_	_	_	_
		-	_	_
	_	_	_	_
		-	-	
•		•	•	*9 •
•	•	•	•	
_		-	• • •	_
-	_	_	_	_
_	-	-	_	-
-	-	—	-	-
-	-	-	-	-
				-
•	•	•	•	
			_	
_	-	-	-	_
•	•	•	•	•
	• • • • • • • • • • • • • • • • • • •			
-	-	-	-	-
-	-	-	-	-
-				
•	•	•	•	•
•	•	•	•	•
		_	_	_

- \$1: The function details, such as the number of settings and the data storage destination, vary depending on the model.
 \$2: An optional function board may be required depending on the models, function version or hardware version of the GOT main unit. The optional function board to be used varies depending on the required function. For details, see "Notes for use" (page 77).
 For the GT10 and GT SoftGOT1000, it is unnecessary to install an optional function board or settended/optional function OS.
 \$3: Necessary options or optional units other than the optional function board are shown. Parenthesized devices will be required depending on conditions of use. For details, see "Notes for use, Selection of optional units and devices" (page 77).
 \$4: For details, see "GT10" (page 52), "Handy GOT" (page 55) and "GT softGOT1000" (page 58).
 \$5: The RS-232 interface can be used as an RS-422 interface by connecting an RS-422 conversion unit.
 \$47: Only user alarms can be used.
 \$7: Only user alarms can be used.
 \$7: To use the historical trend graph, it is necessary to specify the logging function in advance. In addition, it is necessary to install the optional function OS (logging).
 \$9: Read from the PLC clock.
 \$11: Different connection configurations may require different communication units. For details, see the GOT1000 Series Connection Manual.













MEL

Function list

GT16 GT15 GT SoftGOT

		GI SOIGOI	ц <mark>8</mark>	.a ¥	\$				Model								
			inctio	al funct	~	age		Г16				G	Г15				GT
		Function*1	ral fu	loption: lation	ssar	s ps	GT1695M -XTB	GT1685M -STB	GT1595 -XTB	GT1585(V) -STB	GT1575(V) -STB	GT1575 -VTB	GT157 -VNB	GT1565 -VTB	GT1562 -VNB	GT155 - BD	SoftGC 1000
			ption	tended install)the ece: evic	letai	XGA	SVGA	XGA 15"	SVGA 12.1"	SVGA 10.4"	VGA 10.4"	VGA 10.4"	VGA 8.4"	VGA 8.4"	VGA/QVGA	Versio
		BMP image display	ف٥	а ő	0 <u>-</u> 0				15		10.4	10.4	10.4	0.4	0.4	5.7	*4
	Supported image data	JPEG image display					•			•	•	•	•	•	•	•	•
	format	DXF data IGES data							•	•	•	•	•	•	•	•	•
s	Standard	Japanese, Japanese (supporting European languages), Chinese (Simplified), Chinese (Traditional, supporting European languages)					•	•	•	•	•	•		•		•	
Specifications	fonts (basic) Standard	(Traditional, supporting European languages) Chinese (Simplified)		Required		P.42			•	•	•	•	•	•	•	•	•
ifica	fonts	Chinese (Traditional)		Required		1.42	•	i i i	•	•	•	•	•	•	•	•	•
pec	(optional) High-quality	Japanese		Required			•	•	•	•	•	•	•	•	•	•	•
0,	TrueType for						•		•	•	•	•	•	•	•	•	•
		nt (7 segments)				P.36	•	•	•	•	•	•	•	•	•	•	•
	Windows® fo	font (extended)		Required					•	•	•	•	•	•	•	•	
	Stroke font (optional)		Required			•	•	•	٠				•	٠		٠
ngs	Parts (object Screen switc	+ figure) layer function				P.26	•		•	•	•	•	•	•	•	•	•
Common settings	Station No. s	witching					•	•									
Ű	Multilingual s Password	support function				P.25	•		•	•	•	•	•	•	•	•	•
nmo	System infor	mation					•		•	•	•	•	•	•	•	•	•
ŏ	Connected d	evice setting					•	•	•	•	•	•	•	•	•	•	-
	Boot logo Comment re	gistration				P.24, 38	•	•	•	•	•	•	•	•	•	•	•
	Parts registra	ation					٠	•	•	٠	•			٠	٠	•	
	Data operation Offset function								•	•	•	•	•	•	•	•	•
	Security funct	Security level authentication				_		•									٠
	Lamp display	Operator autnentication		Required		P.47	•	•	•	•	•	•	•	•	•	•	
	Touch switch	1					•	•	•	•				•	•	•	۲
	Numeric disp						•		• •	•	•	•	•	•	•	•	•
	Data list disp ASCII displat								•	•	•	•					
	Kana-Kanji	Normal version		Required			-	-	•	•	•		•	٠	•	•	٠
	conversion func Clock display			Required			•		•	•	•	•	•	•	•	•	•
	Comment dis	splay						•									
	Extended ala Alarm list dis	arm monitoring/display			(CF card)	P.44			•	•	•	•	•	•	•	•	•
s	Alarm history				(CF card)		•		•	•	•	•	•	•	•	•	
settings	Floating alar				(05))		_	_	1	-	-	_	_	_	_	_	-
:t se	Parts display Parts movem				(CF card) (CF card)		•		•	•	•	•	•	•	•	•	•
Object	Panel meter	display					٠	•	•	٠		٠	٠	٠	٠	٠	٠
0	Level display Trend graph	1					•	•	•	•	•	•	•	•	•	•	•
	Historical tre	nd graph*8		Required*8	(CF card)	P.46	•	•	•	•	•	•	•	•	•	•	•
	Line graph								•	•	•	•	•	•	•	•	•
	Bar graph Statistical gra	aph					•		•	•	•	•	•	•	•	•	•
	Scatter graph						•	•	•	•	•	•		•	•	•	•
		vation function cipe function		Required	(CF card)	P.27	•		•	•	•	•	•	•		•	•
	Recipe funct	ion			(CF card)		•	•	•	•	•	•	•	•	•	•	•
	Time action f				Printer unit			•		•				•			
	Report functi			Required	CF card	P.28	•	•	•	•	•	•	•	•	•	•	•
	Hardcopy function	File saving in CF card Printing on printer		Required	CF card Printer unit		•		•	•	•	•	•	•	•	•	•
	Barcode fund			Required	r ninter unit	P.28	•	•	•	•	•	•	•	•	•	•	-
	RFID functio	n		Required	Multimedia costi		•	•	•	•	•	•	•	•	•	•	-
	Multimedia fu	unction		Required	Multimedia unit, CF card	P.30	•	•	-	-	-	-	-	-	-	—	-
	-	onal computer function			Video/RGB input unit		•		•	•	•	•	•	•	•	•	-
	Sound output External input	t function it/output function			Sound output unit External inputioutput unit	P.31	•		•	•	•	•	•	•	•	•	•
	Operation pa	inel function			External inputioutput unit		•	•									•
s	Screen call f			Required	CF card	P.47	•	•	•	•	•	•	•	•	•	•	•
Others		splay function	Required*2	Required		P.45	•	•	•	•	•	•	•	•	•	•	•
9	Logging fund		(GT15 only)		(CF card)	P.45			•	•	•	•	•	•	•	•	•
	Logging rund	Project script		nequired	(or caru)	0.40			•		•	•		•		•	•
	Script function	on Screen script		Dent		P.25		•		•			•		•		•
	Device data	Object script transfer function		Required Required		P.29	•	•	•	•	•	•	•	•	•	•	•
	Device monit	tor function				P.55	-	_	-	-	-	—	-	-	-	-	-
	System mon			Required		P.49	•										-
	List editor for			Required		P.48	•	•	•	•	•	•	•	•	•	•	-
	List editor for		Required*2	Required			•	•			•	•		•			-
	SFC monitor	function	(GT15 only)	Required	CF card	P.51	•	•	•	•	•	•	•	•	•		_
	Ladder moni	tor function	Required*2	Required	(CF card)	P.50	•	•	•	•	•	•	•	•	•	GT1555- VTBD only	_
		it monitor function	(GT15 only)	Required					•	•	•	•		•			-
	Q motion mo	nitor function		Required		1		•	•					•	٠	•	-
	Servo amplif Network mor	ier monitor function		Required Required		P.49			•	•	•	•	•	•	•	•	-
	CNC monitor	r function		Required			•	•	•			_	-	-	-	-	-
		out/output function		Required	CF card/ USB memory				•	•	•	-	-	_	-	_	-
		pration function	1	Required	<gt16 only=""></gt16>	P.48	•	•	•	•	•	•	•	•	•	•	

CT11 CT10

GT	11	GT10										
				stion *2 Inction *2	*	<u>0</u>		GT11	Мо	del	GT10*4	
Catedory			Function*1	otional fund ard ended/optional fuint installation	ther scessary svices	Details page	GT115 -Q_BD QVGA	GT115 -Q_BD QVGA	GT115 HS-Q_BD QVGA*4	GT105 -QBD QVGA	GT1030 -LBD(W)(2)	GT1020 -LB_(W)(2)
			BMP image display	S Ex P O	õžő	ă	5.7"	5.7"	5.7"	5.7"	4.5"	3.7"
		Supported image data	JPEG image display				_	_	-	_	-	_
		format	DXF data IGES data				•	•	•		•	
	6	Standard	Japanese, Japanese (supporting European languages), Chinese (Simplified), Chinese (Traditional, supporting European languages)						-			
	tions	fonts (basic)				P.42	•	•	•	•*10	•*10	* 10
	Specifications	Standard fonts	Chinese (Simplified) Chinese (Traditional)			F.42	_	_	_	_	_	_
	bec	(optional)	Japanese				-	_	_	-	_	_
	00	High-quality f						•	•	•	•	•
		TrueType for	nt (7 segments)			P.36	•	•	•	-	_	-
		Windows® fo Stroke basic	font (extended)				•	•	•	-	•	-
		Stroke font (o				B 00	_	_	_	-	-	-
	Common settings	Screen switc	+ figure) layer function hing			P.26	•	•	•	•	•	•
	sett	Station No. s				DOF	_	_	_	-	_	-
	nom	Password	support function			P.25	•	•	•	•	•	•
	E S	System infor					•	•	•	•	•	•
	Ĕ	Connected d Boot logo	evice setting				•		•		•	•
		Comment reg				P.24, 38	•	•	•		•	
		Parts registra Data operation					•	•	•	•	•	•
		Offset function	on					•	•			•
		Security functi	ion Security level authentication Operator authentication			P.47	• -	•	-	-	-	-
		Lamp display	/				٠	٠	٠			
		Touch switch Numeric disp						•	•	•	•	•
		Data list disp	lay				•		•	-	-	-
		ASCII display Kana-Kanji	v/input Normal version				•	•	•	•	•	-
-		conversion funct	tion Enhanced version				-	_	-	_	_	-
Screen design	sbu	Clock display Comment dis						•			•	
an de		Extended ala	arm monitoring/display			P.44	_	-	-	_	-	_
cree	6	Alarm list dis Alarm history			(CF card)		•	•	•	•*7	•*7	*7
S	Object settings	Floating alarr	m display		(or oard)							•
	t set	Parts display Parts moverr							•	-	-	-
	bjec	Panel meter	display						•		•	
	0	Level display Trend graph	1				•	•	•	-	-	-
		Historical tree	nd graph*8			P.46	-	-	-	-	-	-
		Line graph Bar graph						•	•		•	
		Statistical gra							•		•	
		Scatter graph	n vation function							_	-	-
		Advanced re				P.27	-	-	-	-	-	-
		Recipe functi Time action f					•	•	•	•	•	•
		Report functi				P.28	_	_	_	_	_	_
		Hardcopy	File saving in CF card			1.20	_	_			_	_
		function	Printing on printer				-	-	-	-	-	-
		Barcode fund RFID function		Required Required		P.28		•	-	•	-	•
		Multimedia fu		Tiequiec	•	P.30	_	_			_	_
			onal computer function			1.00	_	_	_	_	_	_
		Sound output	t function			P.31	-	-	-	—	-	—
		External inpu Operation pa	It/output function			1.01	-	-	-	-	-	_
		Screen call fu					•		•	•	•	
	Others	Operation log				P.47	-	-	-	—	-	—
	ð	Document di	splay function			P.45	-	-	-	—	-	—
		Logging func	tion Project script			P.46	-	-	-	-	_	-
		Script functio	n Screen script			P.25			•	-	-	—
		Device data	Object script transfer function			P.29	-	-	-	-	-	_
		Device monit	tor function			P.55	-	-	-	•	•	٠
		System moni		Required		P.49		•		-	-	-
		List editor for		Required		P.48	•	GT115 Q_BDA only	•	-	-	_
5	SLIO	List editor for		Required	1			_			-	-
Maintenana functione		SFC monitor	tunction			P.51	-	-	-	-	-	
	Ce 10	Ladder monit	tor function			P.50	-	-	-	—	-	—
	nan		it monitor function				-	-	-	-	-	_
at at a			nitor function ier monitor function				-	-	-	-	-	_
	ž	Network mor	nitor function			P.49	-	-	-	-	-	—
		CNC monitor	r function out/output function				-	-	-	-	_	
		Backup/resto	oration function			P.48	-	-	-	-	-	-
		Maintenance	time notification function				-	-	-	-	-	—

- *1: The function details, such as the number of settings and the data storage destination, vary depending on the model.
 *2: An optional function board may be required depending on the models, function version or hardware version of the GOT main unit. The optional function board to be used varies depending on the required function. For details, see "Notes for use" (page 77). For the GT10 and GT SoftGOT1000, it is unnecessary to install an optional function board or the extended/optional function OS.
 *3: Necessary options or optional units other than the optional function board are shown. Parenthesized devices will be required depending on conditions of use. For details, see "Notes for uses" (page 77).

- on condutions of use. For details, see "Notes for use, Selection of optional units and devices" (page 77).
 *4: For details, see "GT10" (page 52), "Handy GOT" (page 57) and "GT SoftGOT1000" (page 58).
 *5: The RS-232 interface can be used as an RS-422 interface by connecting an RS-422 conversion unit.
 *6: Structural restrictions are applied.
 *7: Only user alarms can be used.
 *8: To use the historical trend graph, it is necessary to specify the logging function in advance. In addition, it is necessary to install the optional function OS (logging).
 *9: Read from the PLC clock.
 *11: Different connection configurations may require different communication units. For details, see the GOT1000 Series Handbook and the GOT1000 Series Connection Manual.

iQ Platform

MELSEC Process Co + GOT1000 List of Connectable Models, etc.

Main unit model name GT16 9 5 M - X T B A Code Screen size Code Display colors Code Mounting type 9 15" 5 256 colors or more V Condemittie with video/RGB 8 12.1" 2 16 colors None Panel mount type 7 10.4" 0 Monochrome HS Hardy type Code Power supply Code Resolution Code Display device Code Comm Q*1 With built-in bus connection interface for QCPU XGA TFT color A 100 to 240VAC X (1024 × 768 dots) T (high brightness, D 24VDC (Q mode)/motion controller CPU (Q series) S SVGA (800 × 600 dots) wide viewing angle) V VGA (640 × 480 dots) N TFT color A^{*1} With built-in bus connection interface for QnA/ACPU/motion controller CPU (A series) 2*2 With built-in RS-232 L 5VDC 6 8.4" Compatible with M multimedia & Video/RGB 5 3 5.7" V (640 × 480 dots) B STN monochrome 4.5" _____ None*2 With built-in RS-422 *1 : GT115_-Q_BDQ and GT115_-Q_ QVGA (blue/white) 2 3.7" Q (320 × 240 dots) L STN monochrome BDA only *2 : GT10 only GT16 A variety of integrated functions, including Ethernet and multimedia (288 × 96 dots) GT15 A wide range of applications from networking to standalone use None (288 × 96 dots) Code GT10 backlight Code Main unit fra A wide range of applications from networking to standalone use Black W White backlight В GT11 Standard model with basic functions for standalone use None Green backlight W White GT10 Packed with the functionality necessary for a HMI * For inquiries relating to products which conform to UL, cUL, and CE directives, please contact your local sales office.

GOT main units

	Мс	del name		Screen size [resolution]	Display			ay colors r of colors)	Power supply	Memory size	Remarks
	GT1695	GT1695M-XTBA GT1695M-XTBD	NEW NEW	15" XGA [1024 × 768 dots]	TFT color LCD (high brightness, wide viewing a	nale)	65,536 co	olors	100-240VAC 24VDC	15MB	Compatible with multimedia & Video/RGB
GT16		GT1685M-STBA	NEW	12.1" SVGA	TFT color LCD	<u>g</u> .o/			100-240VAC		Compatible with
	GT1685	GT1685M-STBD	NEW	[800 × 600 dots]	(high brightness, wide viewing a	nale)	65,536 co	olors	24VDC	15MB	multimedia & Video/RGB
		GT1595-XTBA		15" XGA	TFT color LCD				100-240VAC		Inditinedia a video/nab
	GT1595	GT1595-XTBD		[1024 × 768 dots]	(high brightness, wide viewing a	nale)	65,536 co	olors	24VDC	9MB	-
		GT1585V-STBA		[102174100 0010]	TFT color LCD	ngio)			100-240VAC		Compatible with
		GT1585V-STBD		12.1" SVGA	(high brightness, wide viewing a	nale)			24VDC		Video/RGB
	GT1585	GT1585-STBA		[800 × 600 dots]	TFT color LCD	5-7	65,536 co	olors	100-240VAC	9MB	
		GT1585-STBD		[]	(high brightness, wide viewing a	nale)			24VDC		-
		GT1575V-STBA			TFT color LCD	0 /			100-240VAC		Compatible with
		GT1575V-STBD		10.4" SVGA	(high brightness, wide viewing a	ngle)	05 500 -		24VDC	9МВ	Video/RGB
		GT1575-STBA		[800 × 600 dots]	TFT color LCD		65,536 co	DIORS	100-240VAC	9IVID	
		GT1575-STBD			(high brightness, wide viewing a	ngle)			24VDC	1	
	GT157	GT1575-VTBA			TFT color LCD		65,536 co	alore	100-240VAC	9MB	
GT15		GT1575-VTBD			(high brightness, wide viewing a	ngle)	05,550 00	0015	24VDC	SIVID	_
arro		GT1575-VNBA		10.4" VGA	TFT color LCD		256 color	c	100-240VAC	5MB	_
		GT1575-VNBD		[640 × 480 dots]			200 00101	3	24VDC	SIVID	
		GT1572-VNBA			TFT color LCD		16 colors		100-240VAC	5MB	
		GT1572-VNBD							24VDC	0.11.5	
		GT1565-VTBA			TFT color LCD		65,536 co	olors	100-240VAC	9MB	
	GT156	GT1565-VTBD		8.4" VGA	(high brightness, wide viewing a	ngle)			24VDC	-	_
		GT1562-VNBA		[640 × 480 dots]	TFT color LCD		16 colors		100-240VAC	5MB	
		GT1562-VNBD							24VDC		
		GT1555-VTBD		5.7" VGA [640 × 480 dots]	TFT color LCD		65,536 co	olors			
	GT155	GT1555-QTBD		5.7" QVGA	(high brightness, wide viewing an STN color LCD	ngle)	4.096 col		24VDC	9MB	-
		GT1555-QSBD GT1550-QLBD		[320 × 240 dots]	STN color LCD STN monochrome LCD		,				
		GT1155-QTBD					Monochrome (bia	ack/white) 16 gray scales			
		GT1155-QTBDQ			TFT color LCD						Dedicated to Q bus connection
		GT1155-QTBDA									Dedicated to A bus connection
	GT1155	GT1155-QSBD					256 color	s			_
		GT1155-QSBDQ			STN color LCD						Dedicated to Q bus connection
GT11		GT1155-QSBDA		5.7" QVGA					24VDC	3MB	Dedicated to A bus connection
u		GT1150-QLBD		[320 × 240 dots]						_	-
	GT1150	GT1150-QLBDQ			STN monochrome LCD		Monochrome (bla	ack/white) 16 gray scales			Dedicated to Q bus connection
		GT1150-QLBDA									Dedicated to A bus connection
	Handy	GT1155HS-QSBD			STN color LCD		256 color	s			_
	GOT	GT1150HS-QLBD			STN monochrome LCD			ack/white) 16 gray scales			
	GT105	GT1055-QSBD	NEW	5.7" QVGA	STN color LCD		256 color		24VDC	3MB	_
		GT1050-QBBD	NEW	[320 × 240 dots]	STN monochrome LCD		Monochrome (bl	ue/white) 16 gray scales	24780	ONID	
		GT1030-LBD			E	rame color		3-color LED			Dedicated to RS-422 connection
		GT1030-LBD2		4.5"	STN monochrome LCD		Monochrome		24VDC	1.5MB	Dedicated to RS-232 connection
		GT1030-LBDW		[288 × 96 dots]		ыаск	(black/white)	3-color LED			Dedicated to RS-422 connection
	GT1030	GT1030-LBDW2 GT1030-LWD						(white, pink, red)			Dedicated to RS-232 connection
		GT1030-LWD2		4.5"			Manashrama	3-color LED			Dedicated to RS-422 connection Dedicated to RS-232 connection
		GT1030-LWDW		4.5 [288 × 96 dots]	STN monochrome LCD	White	Monochrome (black/white)	(green, orange, red) 3-color LED	24VDC	1.5MB	Dedicated to RS-232 connection
		GT1030-LWDW2		[200 × 90 0015]			(Diack/white)	(white, pink, red)			Dedicated to RS-232 connection
GT10		GT1020-LBD									Dedicated to RS-422 connection
		GT1020-LBD2						3-color LED	24VDC		Dedicated to RS-232 connection
		GT1020-LBL		3.7"			Monochrome	(green, orange, red)	5VDC		Dedicated to RS-422FX connection
		GT1020-LBDW		[160 × 64 dots]	STN monochrome LCD	Black	(black/white)			512KB	Dedicated to RS-422 connection
		GT1020-LBDW2						3-color LED	24VDC		Dedicated to RS-232 connection
	OTION	GT1020-LBLW						(white, pink, red)	5VDC	1	Dedicated to RS-422FX connection
	GT1020	GT1020-LWD						3-color LED	24VDC		Dedicated to RS-422 connection
		GT1020-LWD2									Dedicated to RS-232 connection
		GT1020-LWL		3.7"	STN monochrome LCD	White	Monochrome	(green, orange, red)	5VDC	512KB	Dedicated to RS-422FX connection
		GT1020-LWDW		[160 × 64 dots]			(black/white)	3-color LED	24VDC	01210	Dedicated to RS-422 connection
		GT1020-LWDW2						(white, pink, red)		1	Dedicated to RS-232 connection
		GT1020-LWLW						(5VDC		Dedicated to RS-422FX connection

Communication interface

Dueduet nome	Model name	Creations			Арр	licable i	nodel	
Product name	Model name	Specifications		GT16	GT15	GT11	Handy GOT	GT1
	GT15-QBUS	Bus connection (1ch) unit standard model				1	_	_
		for QCPU (Q mode)/motion controller CPU (Q ser	ies)	-				
	GT15-QBUS2	Bus connection (2ch) unit standard model		•		_	_	_
		for QCPU (Q mode)/motion controller CPU (Q ser	ies)					
	GT15-ABUS	Bus connection (1ch) unit standard model		•		_	_	l _
		for QnA/ACPU/motion controller CPU (A series)		-				
	GT15-ABUS2	Bus connection (2ch) unit standard model		•		_	_	_
Bus connection unit		for QnA/ACPU/motion controller CPU (A series)		-				
Bus connection unit	GT15-75QBUSL	Bus connection (1ch) unit thin model*1		•		_	_	_
		for QCPU (Q mode)/motion controller CPU (Q see	ies)					
	GT15-75QBUS2L	Bus connection (2ch) unit thin model*1		•		_	_	_
	aris-73QD002E	for QCPU (Q mode)/motion controller CPU (Q see	ies)					
	GT15-75ABUSL	Bus connection (1ch) unit thin model*1		•		_	_	_
	GT13-73AD00E	for QnA/ACPU/motion controller CPU (A series)						
	GT15-75ABUS2L	Bus connection (2ch) unit thin model*1		•		_	_	_
	GT15-75AD002E	for QnA/ACPU/motion controller CPU (A series)						
	GT15-RS2-9P	RS-232 serial communication unit (D-sub 9-pin (n	nale))			-	-	-
Serial communication unit	GT15-RS4-9S	RS-422/485 serial communication unit (D-sub 9-p	in (female))*2 *3			-	-	-
Serial communication unit	GT15-RS4-TE	RS-422/485 serial communication unit (terminal b	lock)*2			-	_	_
	0113-113-112	* Usable only when connecting to temperature controller	s/indicating controllers via RS-485.					
RS-422 conversion unit	GT15-RS2T4-9P	BS-232→BS-422 conversion unit	RS-422 connector: 9-pin		*4	1	-	-
13-422 COnversion unit	GT15-RS2T4-25P		RS-422 connector: 25-pin		*4	Ι	-	-
MELSECNET/H	GT15-J71LP23-25	Optical loop unit				Ι	-	-
communication unit	GT15-J71BR13	Coaxial bus unit				Ι	-	-
CC-Link IE controller network communication unit	GT15-J71GP23-SX	Optical loop unit		•	•	-	-	-
CC-Link communication unit	GT15-J61BT13	Intelligent device station unit (supporting CC-Link	version 2)			-	-	-
Ethernet communication unit	GT15-J71E71-100	Ethernet (100Base-TX) unit	÷	-		-	- 1	-

*2 : The unit may not be able to be used depending on the connection destination. See "List of connectable models" (page 66).

*3 : The unit cannot be used when connecting to temperature controllers/indicating controllers via RS-485 (2-wire type).
 *4 : The unit cannot be used with the GT155.

Optional units

Dreduction	Medel neme	Cure sidio ali sure		Appli	cable n	nodel	
Product name	Model name	Specifications	GT16	GT15	GT11	Handy GOT	GT10
Printer unit	GT15-PRN	USB slave (PictBridge) for printer connection, 1ch * Cable for printer connection (3m) included	•	•	-	-	-
Multimedia unit	GT16M-MMR NEW	For video input (NTSC/PAL) 1ch motion image playback	•	-	-	-	-
Video input unit	GT16M-V4 NEW	For video input (NTSC/PAL) 4ch		-	I	-	-
video input unit	GT15V-75V4	For video input (NTSC/PAL) 4ch	-	• *5	1	-	-
RGB input unit	GT16M-R2	For analog RGB input 2ch		-	-	-	-
	GT15V-75R1	For analog RGB input 1ch	-	• *5	I	-	-
Video/DCD input unit	GT16M-V4R1 MEW	For video input (NTSC/PAL) 4ch / analog RGB 1ch composite input		-	I	-	-
Video/RGB input unit	GT15V-75V4R1	For video input (NTSC/PAL) 4ch / analog RGB 1ch composite input	-	• *5	-	-	-
DCB autout unit	GT16M-ROUT	For analog RGB output 1ch		-	1	-	-
RGB output unit	GT15V-75ROUT	For analog RGB output	-	• *5	I	-	-
CF card unit	GT15-CFCD	For additional CF card port (B drive) on the back of the GOT			-	-	-
CF card extension unit	GT15-CFEX-C08SET	For additional CF card port (B drive) at the front of the control panel*6			-	-	-
Sound output unit	GT15-SOUT	For sound output			Ι	-	-
	GT15-DIOR	For external input/output devices and operation panel connection (negative common input / source type output)	•	•	-	-	-
External input/output unit	GT15-DIO	For external input/output devices and operation panel connection (positive common input / sink type output)	•	٠	-	-	-

*5 : Only GT1585V and GT1575V are applicable.
 *6 : Includes unit to be installed on the control panel, unit to be installed on the GOT, and connection cable (0.8m).

Software

				Included	products		
Product name	Model na		Screen design software GT Designer2 Ver.2	Simulation software GT Simulator2 Ver.2	Simple data conversion function GT Converter2 Ver.2	SoftGOT function*7 GT SoftGOT1000 Ver.2	Remarks
GT Designer2	SW2D5C-GTD2-E	(Version upgrade)	•	_	•	•	English version
Version2	SW2D5C-GTD2-EV	(Version upgrade)	Version upgrade software	e (to upgrade GT Designer	2 to the latest version)		English version
GT Works2	SW2D5C-GTWK2-E	(Version upgrade)		•	•		English version
Version2	SW2D5C-GTWK2-EV	Version upgrade	Version upgrade software	e (to upgrade GT Works2 to	o the latest version)		English version
License key for	GT15-SGTKEY-U		For USB port				-
GT SoftGOT1000*7	GT15-SGTKEY-P		For parallel port				-

*7 : To use GT SoftGOT1000, a license key for GT SoftGOT1000 is necessary for each personal computer

For Designers
For Operators
For Initial Startup & Adjustment Operators
For Maintenance Personnel
GT10
Handy GOT
GT SoftGOT1000 Version2
iQ Platform
MELSEC Process Control + GOT1000
List of Connectable Models, etc.

Options

Product name	Model name	Spe	cifications	GT16	App GT15	licable m GT11	100e1 Handy GOT	GT
	GT16-90XLTT NEW		For GT1695M-XTB		-	-		- GT
	GT16-80SLTT NEW		For GT1685M-STB	ě	_	-	-	_
				-				
	GT15-90XLTT		For GT1595-XTB	-		-	-	-
	GT15-80SLTT		For GT1585V-STB /GT1585-STB	-		-	-	-
Backlight	GT15-70SLTT	Backlight	For GT1575-STB *1	-		-	-	
	GT15-70VLTT		For GT1575V-STB_/GT1575-VTB_/GT1575-STB_#2	-	ě	-	-	-
					-			
	GT15-70VLTN		For GT1575-VNB /GT1572-VNB	-		-	-	-
	GT15-60VLTT		For GT1565-VTB	-		-	—	-
	GT15-60VLTN		For GT1562-VNB	-		-	-	-
					_			-
		Optional function board	For MES interface function	•		-	-	
	GT15-FNB		(No expansion memory)	-		-	-	-
	GT15-QFNB	* The required optional function board	(No expansion memory)	-		-	-	-
	GT15-QFNB16M	varies depending on the GOT main unit	+ 16MB expansion memory			-	-	-
Optional function board		and function.		_		_	_	-
	GT15-QFNB32M	For the details, see "Notes for use"	+ 32MB expansion memory	-		-	-	-
	GT15-QFNB48M	(page 77).	+ 48MB expansion memory	-		-	-	-
	GT15-MESB48M	(page / /).	+ 48MB expansion memory	-		-	_	-
	GT11-50FNB	Optional function board	r tonib oxpanoion monory	_	_	•*3		-
						-	-	
GT10 memory loader	GT10-LDR	For GT1030/GT1020 (for OS project	data transfer) no power source required	-	-	-	-	
GT10 memory board	GT10-50FMB	For GT105 (for OS and project da	ta transfer)	-	-	-	—	
	GT16-90PSCB		Clear, 5 sheets	•	-	_	_	_
				-	_	_	-	-
	GT16-90PSGB		Antiglare, 5 sheets					
	GT16-90PSCW		Clear (frame: white), 5 sheets		-	-	-	-
	GT16-90PSGW		Antiglare (frame: white), 5 sheets		-	-	-	-
	GT15-90PSCB	Protective sheet for 15" screen	Clear, 5 sheets			_	_	-
		4			-			
	GT15-90PSGB	1	Antiglare, 5 sheets	-		-	-	-
	GT15-90PSCW		Clear (frame: white), 5 sheets	-		-	1	L -
	GT15-90PSGW	1	Antiglare (frame: white), 5 sheets	-		-	-	-
			• • •	•	_	_	_	-
		4	Clear, 5 sheets	-				_
	GT16-80PSGB		Antiglare, 5 sheets		-	-	-	-
	GT16-80PSCW		Clear (frame: white), 5 sheets		-	-	-	-
	GT16-80PSGW	1	Antiglare (frame: white), 5 sheets	ě	-	-	-	-
		Protective sheet for 12.1" screen		_		_	_	_
	GT15-80PSCB	4	Clear, 5 sheets					
	GT15-80PSGB		Antiglare, 5 sheets	-		-	—	-
	GT15-80PSCW		Clear (frame: white), 5 sheets	-		-	_	-
	GT15-80PSGW		Antiglare (frame: white), 5 sheets	-	ě	_	-	-
			• • •					
(GT15-70PSCB		Clear, 5 sheets	-		-	-	-
	GT15-70PSGB		Antiglare, 5 sheets	-		-	-	-
	GT15-70PSCW	Protective sheet for 10.4" screen	Clear (frame: white), 5 sheets	-		-	-	-
					-			-
	GT15-70PSGW		Antiglare (frame: white), 5 sheets	-		-	-	-
	GT15-60PSCB		Clear, 5 sheets	-		-	—	-
	GT15-60PSGB		Antiglare, 5 sheets	-		-	_	-
Protective sheet	GT15-60PSCW	Protective sheet for 8.4" screen		_	ě	_	-	-
Totective sheet			Clear (frame: white), 5 sheets		-			
	GT15-60PSGW		Antiglare (frame: white), 5 sheets	-		-	-	-
	GT15-50PSCB		Clear, 5 sheets	-		-	-	-
	GT15-50PSGB	Protective sheet for 5.7" screen	Antiglare, 5 sheets	_	•	_	_	-
			•					
	GT15-50PSCW	(for GT15)	Clear (frame: white), 5 sheets	-		-	-	-
	GT15-50PSGW		Antiglare (frame: white), 5 sheets	-		-	-	-
	GT11-50PSCB		Clear, 5 sheets	-	-		-	-
	GT11-50PSGB	Protective about for 5 7" agreen	Antiglare, 5 sheets	-	-	•	-	-
		Protective sheet for 5.7" screen				-		
	GT11-50PSCW	(for GT11)	Clear (frame: white), 5 sheets	-	-		-	-
	GT11-50PSGW		Antiglare (frame: white), 5 sheets	-	-		-	-
	GT11H-50PSC	Protective sheet for 5.7" screen (for Handy GOT)	Clear, 5 sheets	_	-	-		-
		Flotective sheet for 5.7 screen (for handy GOT)						
	GT10-50PSCB		Clear, 5 sheets	-	-	-	-	
	GT10-50PSGB	Protective sheet for 5.7" screen	Antiglare, 5 sheets	-	-	-	-	
		(for GT105_)	Clear (frame: white), 5 sheets	-	-	-	-	
	GT10-50PSGW	,	Antiglare (frame: white), 5 sheets	-	_	_	-	
						<u> </u>		-
	GT10-30PSCB		Clear, 5 sheets	-	-	-	-	
	GT10-30PSGB	Protective sheet for 4.5" screen	Antiglare, 5 sheets	-	-	-	-	
	GT10-30PSCW	(for GT1030)	Clear (frame: white), 5 sheets	-	-	-	-	
	GT10-30PSGW	1/	Antiglare (frame: white), 5 sheets	_	-	_	_	
			0 (<i>i</i>)					-
	GT10-20PSCB	4	Clear, 5 sheets	-	-	-	-	
	GT10-20PSGB	Protective sheet for 3.7" screen	Antiglare, 5 sheets	-	-	-	-	
	GT10-20PSCW	(for GT1020)	Clear (frame: white), 5 sheets	-	-	-	-	
	GT10-20PSGW	·	Antiglare (frame: white), 5 sheets	-	_	_	-	
		Desta sting source (1100 1 1 1			_	_		
	GT16-UCOV MEW	Protective cover for USB interface	For 15"/12.1"				-	-
JSB protective cover	GT15-UCOV	on main unit front panel	For 15"/12.1"/10.4"/8.4"	-		-	-	-
	GT11-50UCOV	(for replacement)	For 5.7"	-	•		-	- 1
	GT05-90PCO			•	•	_	-	-
		Oil resistant cover for 15" screen		-	-			
	GT05-80PCO	Oil resistant cover for 12.1" screen				-	-	-
il resistant cover*5	GT05-70PCO	Oil resistant cover for 10.4" screen		-		-	-	-
	GT05-60PCO	Oil resistant cover for 8.4" screen		-	•	-	_	-
					-			
	GT05-50PCO	Oil resistant cover for 5.7" screen		-			-	
mergency stop switch guard	GT11H-50ESCOV	For accidental operation prevention of	of emergency stop switch	-	-	-		-
geney stop ention guard	GT15-90STAND					_	_	÷ .
		Stand for 15" type		•	•			-
tand	GT15-80STAND	Stand for 12.1" type				-	-	-
lanu	GT15-70STAND	Stand for 8.4"/10.4" type		-		-	-	-
					-			
	GT05-50STAND	Stand for 5.7" type		-			-	(
	GT05-MEM-32MC	32MB flash ROM						-
	GT05-MEM-64MC	64MB flash ROM		ě	ě	ě	ě	-
				-	-	-		
	GT05-MEM-128MC	128MB flash ROM						-
F card	GT05-MEM-256MC	256MB flash ROM						-
	GT05-MEM-512MC (coming soon)	512MB flash ROM			•	•	•	-
	GT05-MEM-1GC (coming soon)	1GB flash ROM				-		
	GT05-MEM-1GC (coming soon) GT05-MEM-2GC (coming soon)	1GB flash ROM 2GB flash ROM			•	•	•	-

Options

Model name		Specif	inations		Applicable model					
Model name		Specifications				GT15	GT11	Handy GOT	GT10	
GT15-70ATT-98		A985GOT *6					-	-	-	
	Attachment for	A870GOT-SWS	A8GT-70GOT-TB	→GT157	_					
GT15-70ATT-87	10.4" type	A870GOT-TWS	A8GT-70GOT-SW				-	-	-	
		A8GT-70GOT-TW	A8GT-70GOT-SB							
GT15-60ATT-97		A97 GOT					-	-	-	
GT15-60ATT-96		A960GOT			, İ		-	-	-	
		A870GOT-EWS	A77GOT-EL-S5	1						
GT15-60ATT-87	Attachment for	A8GT-70GOT-EW	A77GOT-EL-S3		07150		-	-	-	
	8.4" type	A8GT-70GOT-EB	A77GOT-EL	→GT156	_					
		A77GOT-CL-S5	A77GOT-L-S5	1						
GT15-60ATT-77		A77GOT-CL-S3	A77GOT-L-S3				-	-	-	
		A77GOT-CL	A77GOT-L							
GT15-50ATT-95W	Attachment for	A956WGOT		GT155			•	-	-	
GT15-50ATT-85	5.7" type	A85_GOT		GT115□	_	•	•	-	-	
GT15-BAT	Battery for backu	Battery for backup of clock data and maintenance time notification data					-	-	-	
GT11-50BAT	Detter fer heelun	Battery for backup of clock data, alarm history, and recipe data (for replacement)							•*4	
	GT15-70ATT-87 GT15-60ATT-97 GT15-60ATT-96 GT15-60ATT-87 GT15-60ATT-77 GT15-50ATT-77 GT15-50ATT-95W GT15-50ATT-85 GT15-BAT	GT15-70ATT-98 Attachment for 10.4" type GT15-70ATT-87 10.4" type GT15-60ATT-97 GT15-60ATT-96 GT15-60ATT-96 Attachment for 8.4" type GT15-60ATT-77 Attachment for 8.4" type GT15-50ATT-95W Attachment for 6T15-50ATT-85 GT15-BAT Battery for backu	GT15-70ATT-98 A985GOT ** GT15-70ATT-87 Attachment for 10.4" type A97GOT-SWS A870GOT-WS A870GOT-WS A80T-70GOT-TW A97⊡GOT GT15-60ATT-97 A97☐GOT GT15-60ATT-96 A97☐GOT GT15-60ATT-97 A97☐GOT GT15-60ATT-97 A970GOT-EWS A805.70GOT-EWS A807.70GOT-EWS A817.70GOT-EVS A807.70GOT-EWS AGT15-60ATT-77 Attachment for GT15-50ATT-95W Attachment for GT15-50ATT-95W Attachment for GT15-50ATT-85 5.7" type GT15-BAT Battery for backup of clock data and ma	GT15-70ATT-98 A985GOT ** GT15-70ATT-87 Attachment for 10.4" type A97GOT-SWS A8GT-70GOT-TB GT15-60ATT-97 Attachment for 10.4" type A97GOT A8GT-70GOT-SWS GT15-60ATT-97 A97_GOT A97_GOT GT15-60ATT-96 Attachment for 8.4" type A97GOT-EL-SS GT15-60ATT-77 Attachment for 8.4" type A8GT-70GOT-EW GT15-60ATT-77 Attachment for 8.4" type A8GT-70GOT-EW GT15-60ATT-77 Attachment for 8.4" type A8GT-70GOT-EW GT15-50ATT-85 AT7GOT-CL-S5 A77GOT-L-S5 GT15-50ATT-95W Attachment for Attachment for 6T15-50ATT-85 A77GOT-L GT15-50ATT-85 5.7" type A85_GOT GT15-BAT Battery for backup of clock data and maintenance time notificati	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	GT15-70ATT-98 Attachment for 10.4" type A985GOT** A807GOT-SWS A870GOT-SWS A870GOT-SWS A8GT-70GOT-TB A870GOT-TWS A8GT-70GOT-SB →GT157□ - GT15-60ATT-97 Attachment for GT15-60ATT-96 A414achment for A97□GOT A97□GOT -<	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	

Manual title	Contents	Catalog No.
GT Designer2 Version2 Basic Operation/Data Transfer Manual <for got1000="" series=""></for>	Basic software installation, basic screen design techniques, and data transfer to a terminal	SH-080529ENG
GT Designer2 Version2 Screen Design Manual <for got1000="" series=""></for>	Programming manual, including instruction for objects, specifications	SH-080530ENG
GOT1000 Series Connection Manual	System configurations and procedure to create customized cables	SH-080532ENG
GOT1000 Series Extended Function/Optional Function Manual	Information on extended functions and optional functions available to the GOT	SH-080544ENG
GOT1000 Series Gateway Function Manual	Specifications, system configurations, and setting procedures for the Gateway function	SH-080545ENG
GOT1000 Series MES Interface Function Manual	Specifications, system configurations, and setting procedures for the MES interface function	SH-080654ENG
GT16 User's Manual	GT16 general specification overview, parts and settings, external dimensions, mounting, wiring, optional interfaces	SH-080778ENG
GT15 User's Manual	GT15 general specification overview, parts and settings, external dimensions, mounting, wiring, optional interfaces	SH-080528ENG
GT11 User's Manual	GT11 general specification overview, parts and settings, external dimensions, mounting, wiring, optional interfaces	JY997D17501
Handy GOT User's Manual	Handy GOT general specification overview, parts and settings, external dimensions, wiring, optional interfaces, in addition to explanations of utility, system configurations, and cable fabrication	JY997D20101
GT10 User's Manual	GT10 general specification overview, parts and settings, external dimensions, mounting, wiring, optional interfaces	JY997D24701
GT SoftGOT1000 Version2 Operation Manual	GT SoftGOT1000 screen configuration, functions, and operating procedures	SH-080602ENG
GT Simulator2 Version2 Operation Manual	GT Simulator2 specifications and operating instructions	SH-080546ENG
GT Converter2 Version2 Operation Manual	GT Converter2 operating instructions	SH-080533ENG

For Operators Adjustment Operators Personnel

For Designers

GT10

Handy GOT iQ Platform

MELSEC Process Co + GOT1000

List of Connectable Models, etc.

Cables

	roduct name	Model name	Cable length	products	Application	ہ GT16	Applica GT15	1	nodel Handy	*2 GT
		GT15 OC06P	0.6m	*1		GIIO	GIID	GIT	GOT	GI
		GT15-QC06B		-						
	QCPU extension cable	GT15-QC12B	1.2m		For connection between QCPU and GOT	-				
	GOT-to-GOT connection cable	GT15-QC30B	3m	0	For connection between GOT and GOT	•			-	-
Bus connection		GT15-QC50B	5m	-						
able for		GT15-QC100B	10m							
QCPU (Q mode)	Long-distance connection	GT15-QC150BS	15m							
	cable for QCPU	GT15-QC200BS	20m		For long-distance (13.2m or more) connection between					
	GOT-to-GOT long-distance	GT15-QC250BS	25m	0	QCPU and GOT (A9GT-QCNB required)				-	-
	connection cable	GT15-QC300BS	30m		For long-distance connection between GOT and GOT					
	connection cable	GT15-QC350BS	35m							
Bus extension conn	ector box	A9GT-QCNB	-	-	Used for QCPU long-distance (13.2m or more) bus connection				-	-
		GT15-C12NB	1.2m		For connection between QnA/ACPU/motion controller CPU					
		GT15-C30NB	3m	0					-	-
		GT15-C50NB	5m		(A series, extension base) and GOT					
		GT15-AC06B	0.6m							
		GT15-AC12B	1.2m	1	For connection between QnA/ACPU/motion controller CPU	-				
	Large CPU	GT15-AC30B	3m	0	(A series, extension base) and A7GT-CNB	•		•	-	-
	extension cable	GT15-AC50B	5m	1						
		GT15-A370C12B-S1	1.2m	1	For connection between motion controller CPU		<u> </u>	<u> </u>	+	1
		GT15-A370C12B-S1	2.5m	0	(A series, main base) and GOT		•		-	-
							<u> </u>	<u> </u>	+	-
		GT15-A370C12B	1.2m	0	For connection between motion controller CPU	•		•	-	-
		GT15-A370C25B	2.5m		(A series, main base) and A7GT-CNB		<u> </u>	──	+	-
		GT15-A1SC07B	0.7m	-	For connection between QnAS/AnSCPU/motion controller CPU	-	_	-		
	Small CPU extension cable	GT15-A1SC12B	1.2m	0	(A series) and GOT	•			-	-
Bus connection		GT15-A1SC30B	3m	-	· · · ·	-	<u> </u>	<u> </u>	+	-
able for		GT15-A1SC50B	5m	0	For connection between QnAS/AnSCPU and GOT				-	<u> </u>
QnA/ACPU/motion		GT15-A1SC05NB	0.45m	4	For connection between QnAS/AnSCPU/motion controller CPU					
controller CPU	Small CPU extension cable	GT15-A1SC07NB	0.7m	0	(A series) and A7GT-CNB	•	•	•	-	-
A series)	Ginali OF O extension cable	GT15-A1SC30NB	3m							
		GT15-A1SC50NB	5m	0	For connection between QnAS/AnSCPU and A7GT-CNB				-	-
		GT15-C100EXSS-1	10.6m		For long-distance connection between QnAS/AnSCPU/motion				T	
	Small CPU long-distance	GT15-C200EXSS-1	20.6m		controller CPU (A series) and GOT For long-distance	-	-	-		
	connection cable			1 0	connection between A7GT-CNB and GOT	•			-	'
		GT15-C300EXSS-1	30.6m		*Set of GT15-EXCNB and GT15-C_BS					
		GT15-C07BS	0.7m				-		+	
	GOT-to-GOT	GT15-C12BS	1.2m	1						
	connection cable	GT15-C30BS	3m	0	For connection between GOT and GOT				-	-
	connection cable	GT15-C50BS	5m	-						
							<u> </u>	<u> </u>	+	-
	GOT-to-GOT long-distance	GT15-C100BS	10m							
	connection cable	GT15-C200BS	20m	0	For connection between GOT and GOT	•			-	-
A0 IOHODI L connection apple		GT15-C300BS	30m			-	<u> </u>	-	+	_
	A0J2HCPU connection cable	GT15-J2C10B	1m	0	For connection between power supply unit (A0J2-PW) for A0J2HCPU and GOT	•	•	•	-	-
Bus connector conv	ersion box	A7GT-CNB	-	-	Used for QnA/ACPU long-distance bus connection	•	•	•	-	-
Buffer circuit cable		GT15-EXCNB	0.5m	0	Usable as GT15-C EXSS-1 in combination with GT15-C BS		•	•	-	-
	2 bus cable (two-pack)	GT15-QFC	-	0	Ferrite cores for replacing existing GOT-A900 bus cable with	•		•	-	
Ferrite core set for A	A bus cable (two-pack)	GT15-AFC	-		bus cable for GOT1000	-		_	<u> </u>	
		GT16-C02R4-9S		0	For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins)		-	-	-	-
RS-422 conversion	cable NEW		0.2m			-	<u> </u>	+		
RS-422 conversion		FA-LTBGTR4CBL05	0.5m		For connection between BS-422/485 (connector)	-				
	cable NEW ock conversion unit NEW			0	For connection between RS-422/485 (connector)	•	_	_	-	-
		FA-LTBGTR4CBL05	0.5m		For connection between RS-422/485 (connector) and terminal block conversion cable	-	-	-	_	-
		FA-LTBGTR4CBL05 FA-LTBGTR4CBL10	0.5m 1m		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A	-	_	-	-	
		FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20	0.5m 1m 2m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT	•	-		- *3	
		FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P	0.5m 1m 2m 3m		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT	-	-	-	*3	
	ock conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P	0.5m 1m 2m 3m 10m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT	•	•		*3	- (
	Ock conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P	0.5m 1m 2m 3m 10m 20m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT	•	•		*3	
	QnA/A/FXCPU direct connection cable Computer link	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C300R4-25P GT10-C30R4-25P	0.5m 1m 2m 3m 10m 20m 30m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT	•	•	•	-	
	QnA/A/FXCPU direct connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C30R4-25P	0.5m 1m 2m 3m 10m 20m 30m 3m 10m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin	•	•		 *3 	
	QnA/A/FXCPU direct connection cable Computer link	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C100R4-25P GT10-C200R4-25P	0.5m 1m 2m 3m 10m 20m 30m 3m 10m 20m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connector) and GOT	•	•	•	-	
	QnA/A/FXCPU direct connection cable Computer link	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C100R4-25P GT10-C200R4-25P GT10-C300R4-25P	0.5m 1m 2m 3m 10m 20m 30m 3m 10m 20m 30m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit	•	•	•	-	
	ORA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C	0.5m 1m 2m 3m 10m 20m 30m 3m 10m 20m 30m 3m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT	•	•	•	-	
	QnA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C100R4-25P GT10-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C	0.5m 1m 2m 3m 10m 20m 30m 30m 10m 20m 30m 30m 30m	0	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	•	- • -	•	-	(
	ORA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C100R4-25P GT10-C100R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C200R4-6C	0.5m 1m 2m 3m 10m 20m 30m 10m 20m 30m 30m 10m 20m 30m 20m		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT	•	-	•	-	(
RS-485 terminal bl	QnA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C	0.5m 1m 2m 3m 20m 30m 3m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	•	-	•	-	(
3S-485 terminal bl	QnA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C300R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C200R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 10m 10m 10m 10m 10m 10m 10m 1		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	•	-	•	-	(
RS-485 terminal bl	QnA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C100R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C30R4-8P GT01-C30R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 30m 3m 10m 20m 30m 3m 10m 30m 3m 3m 10m 3m 3m 3m 3m 3m 3m 3m 3m 3m 3		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	•	•	•	-	(
3S-485 terminal bl	QnA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C100R4-25P GT10-C300R4-25P GT10-C300R4-25P GT0-C300R4-6C GT09-C100R4-6C GT09-C200R4-6C GT09-C300R4-6C GT01-C10R4-8P GT10-C30R4-8P GT01-C100R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between computer link unit and GOT For connection between computer link unit and GOT	•	-	•	-	(
3S-485 terminal bl	ORA/A/FXCPU direct connection cable Computer link connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C10R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ68BT-G4-S3 and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit Series Ser	•	•	•	-	(
1S-485 terminal bl	Ock conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C30R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3		and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between Series ser	•	•	•	-	
1S-485 terminal bl	OCK CONVERSION UNIT	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C30R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-8C GT09-C100R4-8C GT09-C300R4-8C GT01-C30R4-8P GT01-C30R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 10m 10m 10m 10m 10m 10m 1	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	•	-	
1S-485 terminal bl	Ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FXCPU direct connection cable FX communication FX communication	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C10R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 30m 10m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between Series ser	•	•	•	-	(
1S-485 terminal bl	Conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C10R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 30m 10m 20m 30m 10m 30m 10m 30m 10m 10m 10m 10m 10m 10m 10m 1	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	•	-	(
1S-485 terminal bl	Ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FXCPU direct connection cable FX communication FX communication	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C100R4-25P GT01-C100R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P	0.5m 1m 2m 30m 30m 30m 30m 30m 30m 30m 10m 20m 30m 10m 30m 10m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	•	-	
1S-485 terminal bl	Conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C10R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 30m 10m 20m 30m 10m 30m 10m 30m 10m 10m 10m 10m 10m 10m 10m 1	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT	•	•	•	-	
3S-485 terminal bl	Conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	•	•	•	-	
3S-485 terminal bl	Conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C100R4-25P GT01-C100R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P	0.5m 1m 2m 30m 30m 30m 30m 30m 30m 30m 10m 20m 30m 10m 30m 10m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ68BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	•	•	•	-	
3S-485 terminal bl	Conversion unit	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT	•	•	•		
3S-485 terminal bl	OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FXCPU direct connection cable FX communication function extension board connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C30R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-25P GT09-C300R4-25P GT09-C300R4-25P GT09-C300R4-25P GT09-C300R4-25P GT01-C300R4-28P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P	0.5m 1m 2m 30m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	· · · · · · · · · · · · · · · · · · ·	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between Al65BT-G4-S3 and GOT For connection between An/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (MJ71QC24(N)-R4) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication uncetion watension board and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication function between dGOT For connection between FXCPU communication function between fXCPU communication function between fXCPU (D-Sub 25, FX3G, For connection between COPU and GOT/personal computer (GT SoftGOT1000) (D-sub 9-pin)	•	•	•	-	
1S-485 terminal bl	OCK CONVERSION UNIT	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	-	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit and GOT For connection between A/465BT-G4-S3 and GOT For connection between A/465BT-G4-S3 and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU detension board and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between FXCPU communication function set and GOT For connection between CPU and GOT[personal computer (GT SetGOT1000) (D-sub-pin) For connection between personal computer (SetGOT1000) (D-sub-pin) For connection	•	•	•		
1S-485 terminal bl	ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable Computer link	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C200R4-25P GT10-C300R4-25P GT09-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C300R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C100R4-8P <	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	- -	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ68BT-G4-S3 and GOT For connection between AA/ACPU/(D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication unit GOT For connection between FXCPU (SINI-DIN 8-pin connector) and GOT For connection between FXCPU (SINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (SINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication function extension board and GOT For connection between PTAPU communication function extension board and GOT For connection between personal computer (Screen design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male)	• • • • •	•	•	- - -	
tS-485 terminal bl	OCK CONVERSION UNIT	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C100R4-25P GT01-C100R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C300R4-8P GT10-C300R4-8P <td>0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3</td> <td>- - - -</td> <td>and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between SECPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board and GOT #The unit cannot be used with the FX1NC, FX2NC, FX3UC-DIDSS, FX3G. For connection between personal computer (GT SoftGOT1000) (D-sub 9-pin) For connector conversion box between QCPU and Handy GOT</td> <td>• • • • • •</td> <td>•</td> <td>• - • -</td> <td></td> <td></td>	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3	- - - -	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between SECPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board and GOT #The unit cannot be used with the FX1NC, FX2NC, FX3UC-DIDSS, FX3G. For connection between personal computer (GT SoftGOT1000) (D-sub 9-pin) For connector conversion box between QCPU and Handy GOT	• • • • • •	•	• - • -		
RS-485 terminal bl	ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable Computer link	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT09-C30R4-8C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C100R4-8P <td>0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3</td> <td>- -</td> <td>and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit and GOT For connection between AA65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between Serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU and GOT For connection between CPU and GOT For connection between CPU and GOT For connection between QCPU and GOT For connection between Q</td> <td>• • • • •</td> <td>•</td> <td>•</td> <td>- - -</td> <td></td>	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 10m 20m 30m 30m 30m 30m 30m 30m 30m 3	- -	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit and GOT For connection between AA65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between Serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU and GOT For connection between CPU and GOT For connection between CPU and GOT For connection between QCPU and GOT For connection between Q	• • • • •	•	•	- - -	
	Ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable Computer link Connection cable Connection cable FX communication function extension board connection cable Connection cable QCPU direct connection cable Data transfer cable Connection cable	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C100R4-25P GT01-C100R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C300R4-8P GT10-C300R4-8P <td>0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3</td> <td>- - - -</td> <td>and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit and GOT For connection between Ad65BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication function extension board and GOT For connection between PXCPU communication function extension board and GOT For connection between personal computer (GrsoftoOT1000) (D-sub 9-pin) For connection between personal computer (GrsoftoOT1000) (D-sub 9-pin) For connection between PCPU and GOT perion design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male) For connection between PXCPU communication function extension board For connection between PXCPU and GOT and between GCPU and GOT For connection between PXCPU and GOT and between GCPU and GOT For connection between CXCPU and GOT and between GCPU and GOT For connection between PXCPU communication function extension board For connection between PXCPU and GOT and between GCPU and GOT For connection between PXCPU and GOT and between GCPU and GOT For connection between CPU and GOT and between GCPU and GOT For connection between CPU and GOT and between GCPU an</td> <td>• • • • • •</td> <td>•</td> <td>• - • -</td> <td></td> <td></td>	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3	- - - -	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit and GOT For connection between Ad65BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU communication function extension board and GOT For connection between PXCPU communication function extension board and GOT For connection between personal computer (GrsoftoOT1000) (D-sub 9-pin) For connection between personal computer (GrsoftoOT1000) (D-sub 9-pin) For connection between PCPU and GOT perion design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male) For connection between PXCPU communication function extension board For connection between PXCPU and GOT and between GCPU and GOT For connection between PXCPU and GOT and between GCPU and GOT For connection between CXCPU and GOT and between GCPU and GOT For connection between PXCPU communication function extension board For connection between PXCPU and GOT and between GCPU and GOT For connection between PXCPU and GOT and between GCPU and GOT For connection between CPU and GOT and between GCPU and GOT For connection between CPU and GOT and between GCPU an	• • • • • •	•	• - • -		
RS-485 terminal bl	Ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable OCPU direct connection cable Data transfer cable FX communication function function	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C100R4-25P GT01-C100R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C300R4-8P GT10-C300R4-8P <td>0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3</td> <td>- - - -</td> <td>and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ68BT-G4-S3 and GOT For connection between AA/68BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (GIT Series) (D-sub 9-pin), for connection between personal computer (Streen design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male) For connector onversion box between QCPU and GOT For connector between personal computer (GT softGOT100) (D-sub 9-pin) (D-sub 9-pin connector) and GOT/For connector between personal computer (GT softGOT100) (D-sub 9-pin) For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCPU and GOT. For connector between QCPU and GOT an</td> <td>• • • • • •</td> <td>•</td> <td>• - • -</td> <td></td> <td></td>	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3	- - - -	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ68BT-G4-S3 and GOT For connection between AA/68BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (GIT Series) (D-sub 9-pin), for connection between personal computer (Streen design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male) For connector onversion box between QCPU and GOT For connector between personal computer (GT softGOT100) (D-sub 9-pin) (D-sub 9-pin connector) and GOT/For connector between personal computer (GT softGOT100) (D-sub 9-pin) For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCPU and GOT. For connector between QCPU and GOT an	• • • • • •	•	• - • -		
RS-485 terminal bl	ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable Connection cable FX communication function cable FX communication function cable COPU direct Connection cable Extension board connection	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT10-C100R4-25P GT10-C100R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT09-C200R4-6C GT09-C200R4-6C GT09-C200R4-6C GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT10-C200R4-8P GT10-C200R2-6P	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 10m 20m 30m 10m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3	- - - -	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (GT Schtor1000) (D-sub 9-pin) For connection between QCPU and GOT (ST Schtor1000) (D-sub 9-pin) For connection between QCPU and GOT For connection between QCPU and GOT For connection between QCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between CCPU and GOT set series board For connection between FXCPU communication function extension board For connection between FXCPU communication function set set series board For connection between FXCPU communication functi	• • • • • •	•	• - - - -		
IS-485 terminal bl	Ock conversion unit Image: Conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable OCPU direct connection cable Data transfer cable FX communication function function	FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C100R4-25P GT01-C100R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C300R4-8P GT10-C300R4-8P <td>0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3</td> <td>- - - -</td> <td>and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ68BT-G4-S3 and GOT For connection between AA/68BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (GIT Series) (D-sub 9-pin), for connection between personal computer (Streen design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male) For connector onversion box between QCPU and GOT For connector between personal computer (GT softGOT100) (D-sub 9-pin) (D-sub 9-pin connector) and GOT/For connector between personal computer (GT softGOT100) (D-sub 9-pin) For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCPU and GOT. For connector between QCPU and GOT an</td> <td>- - -</td> <td>•</td> <td>• - • -</td> <td></td> <td></td>	0.5m 1m 2m 3m 10m 20m 30m 30m 30m 30m 30m 10m 20m 30m 30m 10m 20m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 3	- - - -	and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit and GOT For connection between AJ68BT-G4-S3 and GOT For connection between AA/68BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (GIT Series) (D-sub 9-pin), for connection between personal computer (Streen design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male) For connector onversion box between QCPU and GOT For connector between personal computer (GT softGOT100) (D-sub 9-pin) (D-sub 9-pin connector) and GOT/For connector between personal computer (GT softGOT100) (D-sub 9-pin) For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between GOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCFS. For connector between QCPU and GOT and between QOTs. For connector between QCPU and GOT and between QCPU and GOT. For connector between QCPU and GOT an	- - -	•	• - • -		

Cables

•••••					
	Product name	Model name	Cable length	Third party products *1	
	FX communication function adapter connection cable	GT01-C30R2-25P	3m	-	For co conne
RS-232 cable	Computer link	GT09-C30R2-9P	3m	0	For c For c
	connection cable	GT09-C30R2-25P	3m		For co
Connector convers	sion box for Handy GOT	GT11H-CNB-37S	-	-	Conve
		GT11H-C30-37P	3m		For c
	FA device, power supply	GT11H-C60-37P	6m	- 1	and C
External	and operation switch	GT11H-C100-37P	10m		anu c
connection cable	connection cable	GT11H-C30	3m		For c
	Connection cable	GT11H-C60	6m	- 1	opera
		GT11H-C100	10m		opera
	RS-422, power supply	GT11H-C15R4-8P	1.5m	_	For c
FA device	and operation switch	011111-013114-01	1.511		For co
connection	connection cable	GT11H-C15R4-25P	1.5m	_	For c
relay cable			1.011		For co
Totay babio	RS-232, power supply and	GT11H-C15R2-6P	1.5m	_	For c
	operation switch connection cable				For co
Barcode reader co	nnection cable	GT10-C20H-6PT9P	0.3m	_	For c
					and C
External I/O unit co	onnection conversion cable	GT15-C03HTB	0.3m	0	For co
					interfa
Analog RGB cable		GT15-C50VG	5m	0	For cor
	RS-232/USB conversion	GT10-RS2TUSB-5S	_	_	For co
	adapter for data transfer				(Adap
USB cable					For con
	Data transfer cable	GT09-C30USB-5P	3m		For con
					For c

 *1: FA-LTBGTR4CBL_ is developed by Mitsubishi Electric Engineering Company Limited and sold through your local sales office. The other products listed are developed by Mitsubishi Electric System & Service Co., LTD. and sold through your local sales office.

 *2: The applicable connection configuration and cable vary depending on the GOT main unit. For more details, see the GOT1000 Series Handbook and the GOT1000 Series Connection Manual.

 *3: Can be used how used together with the Handy GOT connector conversion box.

 *4: Can be used only for GT105_.

 *5: Can be used only for GT1030 and GT1020.

Colo I o Third party

Cables for third party FA devices

	Product name	Model name	Cable length	Third party products *1			
	Cable for OMRON PLC	GT09-C30R20101-9P	3m		PLC CPU: CQM Serial communi Communication Serial communi		
		GT09-C30R20102-25S	3m		Connection cab		
		GT09-C30R20103-25P	3m	1	Base mount typ		
	Cable for	GT09-C30R21101-6P	3m		PLC CPU: KV-7		
	KEYENCE PLC	GT09-C30R21102-9S	3m	1	Multi-communic		
	RETENCE PLC	GT09-C30R21103-3T	3m		Multi-communic		
	Cable for	GT09-C30R20601-15P	3m		PLC CPU: JW-		
	SHARP PLC	GT09-C30R20602-15P	3m		PLC CPU: JW-		
	Cables for JTEKT PLC	GT09-C30R21201-25P	3m		RS-232/RS-422		
	Cable for Shinko Technos digital indicating controller	GT09-C30R21401-4T	3m		Digital indicating		
	Cable for	GT09-C30R20501-9P	3m]	PLC CPU: T2E		
	TOSHIBA PLC	GT09-C30R20502-15P	3m]	PLC CPU: T2N		
	Cable for Hitachi Industrial	GT09-C30R20401-15P	GT09-C30R20401-15P 3m				
	Equipment Systems PLC	GT09-C30R20402-15P	3m	1	PLC CPU: H-40		
	Cable for Hitachi PLC	GT09-C30R21301-9S 3m			Communication		
S-232 able	Cable for Fuji Electric FA Components & Systems PLC	GT09-C30R21003-25P	3m	0	RS-232C interfa RS-232C/485 ir General interfac		
		GT09-C30R20901-25P	3m		RS-422→232 c		
	Cable for Matsushita Electric	GT09-C30R20902-9P	3m		PLC CPU: FP2 Computer comr		
	Works PLC	GT09-C30R20903-9P	3m		PLC CPU: FP1		
		GT09-C30R20904-3C	3m		PLC CPU: FP1		
		GT09-C30R20201-9P	3m		PLC CPU: PRC		
		GT09-C30R20202-15P	3m		PLC CPU: PRC		
	Cable for	GT09-C30R20203-9P	3m	1	PLC CPU: CP-9		
	YASKAWA Electric PLC	GT09-C30R20204-14P	3m	1	PLC CPU: MP9		
		GT09-C30R20205-25P	3m		MEMOBUS mo Yokogawa Elec		
		GT09-C30R20301-9P	3m		CPU port/D-sub		
	Cable for	GT09-C30R20302-9P	3m		Personal comp		
	Yokogawa Electric PLC	GT09-C30R20305-9S	3m		PLC CPU: NFC		
	Cable for Yokogawa Electric temperature controller	GT09-C30R20304-9S					
	Cable for Allen-Bradley (Rockwell Automation, Inc.) PLC	GT09-C30R20701-9S	3m		PLC CPU: SL5		
	Cable for Siemens AG PLC	GT09-C30R20801-9S	3m		HMI adapter		
: Items list	ed above are developed by Mits	ubishi Electric System & Servic	e Co., LTD.	, and sol	d through your loc		

*1: Items listed above are developed by Mitsubishi Electric System & Service Co., LTD., and sold through your local sales office.
 *2: The applicable connection configuration and cable vary depending on the GOT main unit. For more details, see the GOT1000 Series Handbook and the GOT1000 Series Connection Manual.
 *3: The RS-422 cables less than 10m and the RS-232 cable less than 3m can be used when the connector conversion box for the Handy GOT is used.
 *4: Can be used only for GT105_.

	Applicable model *2						
Application	GT16	GT15	GT11	Handy GOT	GT10		
onnection between FXCPU communication special adapter (D-sub 25-pin				_			
ector) and GOT, personal computer (GT SoftGOT1000) (D-sub 9-pin)					*4		
connection between serial communication unit and GOT							
connection between computer link unit and GOT				-			
connection between AJ65BT-R2N and GOT (GT09-C30R2-9P only)					*4		
erts D-sub 37-pin connector to terminal block and D-sub 9-pin connector	I	I	I	•	1		
connection between FA device connection relay cable GOT	Ι	Ι	Ι	•	Ι		
connection between FA device, power supply and ration switches and GOT	-	-	_	•	-		
connection between FXCPU and GOT	_	_	_		_		
connection between power supply and operation switches and GOT							
connection between A/QnACPU and GOT	_	_	_		_		
connection between power supply and operation switches and GOT							
connection between QCPU and GOT	_	_	_		_		
connection between power supply and operation switches and GOT				•			
connection between barcode reader (D-sub 9-pin, female) GOT (MINI-DIN 6-pin, female) RS-232	-	-	-	-	● *5		
onnection between GOT1000 (external I/O unit) and GOT-A900 external I/O			_	_	_		
ace unit connection cable (A8GT-C05TK/A8GT-C30TB/user-fabricated cable)							
nnection between external monitor, personal computer and vision sensor and GOT			-	-	-		
connection between personal computer (USB) and GOT (RS-232)	_	_	_	_			
pter and personal computer are connected with GT09-C30USB-5P.)					*5		
nnection between personal computer (USB) and GOT (USB mini-B)							
nnection between QnUCPU (USB mini-B) and personal computer (GT SoftGOT1000)	•	-	-	•	*4		
connection between printer and GOT (printer unit)			-	-	-		

COT composition dectingation	Applicable model *2					
GOT connection destination	GT16	GT15	GT11	Handy GOT	GT10	
11/CQM1H/CS1/CJ1/CV500/CV1000/CV2000/CVM1						
cation unit: CS1W-SCU21/CJ1W-SCU41						
board: C200HW-COM02/COM05/COM06						
cation board: CQM1-SCB41/CS1W-SCB41/CS1W-SCB21						
le: CQM1-CIF01						
e host link unit: C500-LK201-V1					*4	
700/1000						
ation unit: KV-L20/L20R port 1						
ation unit: KV-L20/L20R port 2						
22CU/70CUH/100CUH/100CU						
32CUH/33CUH						
converter: TXU-2051						
g controller: FCR-100/FCD-100/FCR-23A/PC-900/FIR series						
					-	
10/H series board type/EH-150 series						
port module: COMM-H/COMM-2H						
10/EH-150 series						
module: LQE560/LQE060/LQE160						
ace card: NV1L-RS2	•	•		*3		
nterface capsule: FFK120A-C10	-	-	-			
e module: NC1L-RS2/FFU120B						
onversion adapter: AFP8550						
/FP2SH/FP10(S)/FP10SH/FP-M						
nunication unit: AFP2462/AFP3462/AFP5462						
·C24C/C40C						
C16CT/C32CT						
GIC-8/MP-920/MP-930					*4	
GIC-8					*4	
300MS MEMOBUS module: CP-217IF (when connected to CN1)						
40						
dule: CP-217IF (when connected to CN2)						
tric personal computer module: LC01-0N/LC02-0N						
9-pin conversion cable: KM10-0C						
uter module: F3LC11-1N/F3LC11-1F/F3LC12-1F/F3LC11-2N						
P1000/NFJT100						
					-	
-						
					<u> </u>	
00 series Converter: 1761-NET-AIC						
					*4	
					1	

7

For 0

SJO

Adjustment Operators For Maintenance

GT10

Handy GOT

GT SoftGOT1000 Version2

iQ Platform

MELSEC Process Co + GOT1000

List of Connectal Models, etc.

Cables for third party FA devices

Product name		ame	Model name Cable Third party products			GOT connection destination	Applicable model					
	routern			length	*1		GT16	GT15	T15 GT11 Hand			
			GT09-C30R40101-9P GT09-C100R40101-9P GT09-C200R40101-9P	3m 10m 20m		PLC CPU: CV500/CV1000/CV2000/CVM1 Serial communication unit: CJ1W-SCU41 Serial communication board: CQM1-SCB41/CS1W-SCB41						
	Cable for OMRON PLC		GT09-C300R40101-9P GT09-C30R40102-9P GT09-C100R40102-9P GT09-C200R40102-9P	30m 3m 10m 20m		Base mount type host link unit: C200H-LK202-V1/C500H-LK201-V1 Communication board: C200HW-COM03/COM06	-					
			GT09-C300R40102-9P GT09-C30R40103-5T GT09-C100R40103-5T GT09-C200R40103-5T	30m 3m 10m		Communication board: CP1W-CIF11	_				*4	
	Cable for		GT09-C200R40103-5T GT09-C300R40103-5T GT09-C30R41101-5T GT09-C100R41101-5T	20m 30m 3m 10m		Multi-communication unit: KV-L20/L20R port 2	_					
•	KEYENCE	PLC	GT09-C200R41101-5T GT09-C300R41101-5T GT09-C30R40601-15P CT00-C100R40601-15P	20m 30m 3m		Multi-communication unit. KV-L20/L20K poil 2	_					
			GT09-C100R40601-15P GT09-C200R40601-15P GT09-C300R40601-15P GT09-C30R40602-15P	10m 20m 30m 3m		PLC CPU: JW-22CU/70CUH/100CUH/100CU						
	Cable for SHARP PL	C	GT09-C100R40602-15P GT09-C200R40602-15P GT09-C300R40602-15P	10m 20m 30m		PLC CPU: JW-32CUH/33CUH						
			GT09-C30R40603-6T GT09-C100R40603-6T GT09-C200R40603-6T GT09-C300R40603-6T	3m 10m 20m 30m		Link unit: JW-21CM/10CM/ZW-10CM						
	Cable for JTEKT PLC		GT09-C30R41201-6C GT09-C100R41201-6C GT09-C200R41201-6C GT09-C300R41201-6C	3m 10m 20m 30m	-	PLC CPU: PC3J/PC3JL Communication module: PC/CMP2-LINK						
			GT09-C30R40501-15P GT09-C100R40501-15P GT09-C200R40501-15P GT09-C300R40501-15P	3m 10m 20m 30m		PLC CPU: T2/T3/T3H/model3000(S3)						
	Cable for TOSHIBA PLC		GT09-C30R40502-6C GT09-C100R40502-6C GT09-C200R40502-6C	30m 3m 10m 20m 30m	_	PLC CPU: T2E/model2000(S2)						
le			GT09-C300R40502-6C GT09-C30R40503-15P GT09-C100R40503-15P GT09-C200R40503-15P	3m 10m 20m	0	PLC CPU: T2N	•	•	•	*3	-	
H	Cable for Hitachi Indu Equipment	istrial Systems PLC	GT09-C300R40503-15P GT09-C30R40401-7T GT09-C100R40401-7T GT09-C200R40401-7T GT09-C300R40401-7T	30m 3m 10m 20m 30m		Intelligent serial port module: COMM-H/COMM-2H						
	Cable for Hitachi PLC	;	GT09-C300H40401-97 GT09-C300H41301-9S GT09-C100R41301-9S GT09-C200R41301-9S GT09-C300R41301-9S	30m 3m 10m 20m 30m		PLC CPU: LQP510 Communication module: LQE565/LQE165						
F	Cable for Fuji Electric FA Components & Systems PLC		GT09-C30R41001-6T GT09-C100R41001-6T GT09-C200R41001-6T GT09-C200R41001-6T GT09-C300R41001-6T	3m 10m 20m 30m		RS-232C/485 interface capsule: FFK120A-C10 General interface module: NC1L-RS4/FFU120B						
	Cable for		GT09-C30R40201-9P GT09-C100R40201-9P GT09-C200R40201-9P GT09-C300R40201-9P	3m 10m 20m 30m	3m 10m 20m MEMOBUS module: JAMSC-120NOM27100/JAMSC-IF612	MEMOBUS module: JAMSC-120NOM27100/JAMSC-IF612						
	Yaskawa E	lectric PLC	GT09-C30R40202-14P GT09-C100R40202-14P GT09-C200R40202-14P	3m 10m 20m 30m		PLC CPU: MP940					*4	
			GT09-C300R40202-14P GT09-C30R40301-6T GT09-C100R40301-6T GT09-C200R40301-6T GT09-C300R40301-6T	30m 3m 10m 20m 30m		Personal computer link module: F3LC11-2N						
	Cable for	PLC	GT09-C30R40302-6T GT09-C100R40302-6T GT09-C200R40302-6T	3m 10m 20m		Personal computer link module: LC02-0N						
	Yokogawa Electric		GT09-C300R40302-6T GT09-C30R40303-6T GT09-C100R40303-6T GT09-C200R40303-6T	30m 3m 10m 20m		Temperature controller: GREEN series					-	
			Temperature controller	GT09-C300R40303-6T GT09-C30R40304-6T GT09-C100R40304-6T GT09-C200R40304-6T	30m 3m 10m 20m		Temperature controller: UT2000 series					

*1: Items listed above are developed by Mitsubishi Electric System & Service Co., LTD., and sold through your local sales office. *2: The applicable connection configuration and cable vary depending on the GOT main unit. For more details, see the GOT1000 Series Handbook and the GOT1000 Series Connection Manual.

The RS-422 cables less than 10m and the RS-232 cable less than 3m can be used when the connector conversion box for the Handy GOT is used

: Can be used only for GT105

Warranty

Please confirm the following product warranty details before using this product.

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 on-site that involves replacement of the failed module.

Gratis Warranty Term

The gratis warranty term of the product shall be for thirty-six (36) months 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 fortytwo (42) months. The gratis warranty term of repair parts shall not exceed the gratis warranty term before repairs.

Gratis Warranty Range

- (1) The customer shall be responsible for the primary failure diagnosis unless otherwise specified. If requested by the customer, Mitsubishi Electric Corporation or its representative firm may carry out the primary failure diagnosis at the customer's expense. The primary failure diagnosis will, however, be free of charge should the cause of failure be attributable to Mitsubishi Electric Corporation.
- (2) The range shall be limited to normal use within the usage state, usage methods, usage environment, etc. which follow the conditions, precautions, etc. given in the instruction manual, user's manual, caution labels on the product, etc.
- (3) Even within the gratis warranty term, repairs shall be charged for in the following cases.
 - ①Failure 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.
 - ③When 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 designated in the user's manual etc. had been correctly serviced or replaced.
 - 5 Replacing consumable parts such as the battery, backlight and fuses.
 - 6 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.
 - 7 Failure caused by reasons unpredictable by scientific technology standards at time of shipment from Mitsubishi.
 - (8) Any other failure found not to be the responsibility of Mitsubishi or that admitted not to be so by the user.

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.

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.

Exclusion of loss in opportunity and secondary loss from warranty liability

Regardless of the gratis warranty term, Mitsubishi shall not be liable for compensation to 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.

Changes in product specifications

The specifications given in the catalogs, manuals or technical documents are subject to change without prior notice.

Product application

- (1) In using the Mitsubishi graphic operation terminal, the usage conditions shall be that the application will not lead to a major accident even if any problem or fault should occur in the graphic operation terminal device, and that backup and fail-safe functions are systematically provided outside of the device for any problem or fault.
- (2) The Mitsubishi graphic operation terminal has been designed and manufactured for applications in general industries, etc.

Thus, applications in which the public could be affected such as in nuclear power plants and other power plants operated by respective power companies, and applications in which a special quality assurance system is required, such as for Railway companies or Public service purposes shall be excluded from the graphic operation terminal applications.

In addition, applications in which human life or property that could be greatly affected, such as in aircraft, medical applications, incineration and fuel devices, manned transportation equipment for recreation and amusement, and safety devices, shall also be excluded from the graphic operation terminal range of applications.

However, in certain cases, some applications may be possible, providing the user consults the local Mitsubishi representative outlining the special requirements of the project, and providing that all parties concerned agree to the special circumstances, solely at our discretion. In some of these cases, however, Mitsubishi Electric Corporation may consider the possibility of an application. provided that the customer notifies Mitsubishi Electric Corporation of the intention, the application is clearly defined and any special quality is not required.

List of Con Models

GT10

G

ō

Mitsubishi Graphic Operation Terminal

Precautions for Choosing the Products

This catalog explains the typical features and functions of the GOT1000 series HMI and does not provide restrictions and other information on usage and module combinations. When using the products, always read the user's manuals of the products.

Mitsubishi will not be held liable for damage caused by factors found not to be the cause of Mitsubishi; machine damage or lost profits caused by faults in the Mitsubishi products; damage, secondary damage, accident compensation caused by special factors unpredictable by Mitsubishi; damages to products other than Mitsubishi products; and to other duties.

\Lambda For safe use

- To use the products given in this catalog properly, always read the related manuals before starting to use them.
- The products within this catalog have been manufactured as general-purpose parts for general industries and have not been designed or manufactured to be incorporated into any devices or systems used in purpose related to human life.
- Before using any product for special purposes such as nuclear power, electric power, aerospace, medicine or passenger movement vehicles, consult with Mitsubishi.
- The products within this catalog have been manufactured under strict quality control. However, when installing the product where major accidents or losses could occur if the product fails, install appropriate backup or failsafe functions in the system.

Country/Region	Sales office	Tel/Fax
USA	Mitsubishi Electric Automation Inc. 500 Corporate Woods Parkway, Vernon Hills, IL 60061, USA	Tel: +1-847-478-2100 Fax: +1-847-478-0327
Brazil	MELCO-TEC Rep. Com.e Assessoria Tecnica Ltda. Av. Paulista, 1439-CJ. 72 Cerqueira Cesar CEP 01311-200, Sao Paulo, SP, CEP: 01311-200, Brazil	Tel: +55-11-3146-2200 Fax: +55-11-3146-2217
Germany	Mitsubishi Electric Europe B.V. German Branch Gothaer Strasse 8, D-40880 Ratingen, Germany	Tel: +49-2102-486-0 Fax: +49-2102-486-1120
UK	Mitsubishi Electric Europe B.V. UK Branch Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, UK.	Tel: +44-1707-276100 Fax: +44-1707-278992
Italy	Mitsubishi Electric Europe B.V. Italy Branch Viale Colleoni 7-20041 Agrate Brianza (Milano), Italy	Tel: +39-039-60531 Fax: +39-039-6053312
Spain	Mitsubishi Electric Europe B.V. Spanish Branch Ctra. de Rubí 76-80-AC.420, E-08190 Sant Cugat del Vallés (Barcelona), Spain	Tel: +34-93-565-3131 Fax: +34-93-589-2948
France	Mitsubishi Electric Europe B.V. French Branch 25, Boulevard des Bouvets, F-92741 Nanterre Cedex, France	Tel: +33-1-5568-5568 Fax: +33-1-5568-5757
South Africa	Circuit Breaker Industries Ltd. Private Bag 2016, ZA-1600 Isando, South Africa	Tel: +27-11-928-2000 Fax: +27-11-392-2354
Hong Kong	Mitsubishi Electric Automation (Hong Kong) Ltd. 10/F, Manulife Tower, 169 Electric Road, North Point, Hong Kong	Tel: +852-2887-8870 Fax: +852-2887-7984
China	Mitsubishi Electric Automation (Shanghai) Ltd. 17/F, ChuangXing Financial Center No.288 West Nanjing Road, Shanghai 200003	Tel: +86-21-2322-3030 Fax: +86-21-2322-3000
Taiwan	Setsuyo Enterprise Co., Ltd. 6F, No.105 Wu-Kung 3rd Rd, Wu-Ku Hsiang, Taipei Husien 248, Taiwan	Tel: +886-2-2299-2499 Fax: +886-2-2299-2509
Korea	Mitsubishi Electric Automation Korea Co., Ltd. 1480-6, Gayang-dong, Gangseo-ku, Seoul 157-200, Korea	Tel: +82-2-3660-9552 Fax: +82-2-3664-8372
Singapore	Mitsubishi Electric Asia Pte, Ltd. 307 Alexandra Road #05-01/02, Mitsubishi Electric Building Singapore 159943	Tel: +65-6470-2460 Fax: +65-6476-7439
Thailand	Mitsubishi Electric Automation (Thailand) Co., Ltd. Bang-Chan Industrial Estate No.111 Soi Serithai 54, T.Kannayao, A.Kannayao, Bangkok 10230 Thailand	Tel: +66-2-517-1326 Fax: +66-2-517-3239
Indonesia	P.T. Autoteknindo Sumber Makmur Muara Karang Selatan, Block A / Utara No.1 Kav. No.11, Kawasan Industri Pergudangan, Jakarta- Utara 14440, P.O.Box 5045 Jakarta11050-Indonesia	Tel: +62-21-663-0833 Fax: +62-21-663-0832
India	Messung Systems Pvt., Ltd. Electronic Sadan NO: III Unit No.15, M.I.D.C. Bhosari, Pune-411026, India	Tel: +91-20-2712-3130 Fax: +91-20-2712-8108
Australia	Mitsubishi Electric Australia Pty. Ltd. 348 Victoria Road, Rydalmere, N.S.W. 2116, Australia	Tel: +61-2-9684-7777 Fax: +61-2-9684-7245

ᄎ MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BUILDING, 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN NAGOYA WORKS: 1-14, YADA-MINAMI 5, HIGASHI-KU, NAGOYA, JAPAN

When exported from Japan, this manual does not require application to the Ministry of International Trade and Industry for service transaction permission.