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).







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.









6

5

The GOT expands its lineup in all four models to meet the demands of the manufacturing front. LINE-UP GRAPHIC OPERATION TERMINA

GT16 model/GT15 model/GT11 model/GT10 model





VGA TFT(High-brightness, wide viewing angle) GT1565-VTBA AC type GT1565-VTBD DC type Resolution : 640 × 480 Display colors : 65,536 colors

VGA TFT GT1562-VNBA AC type GT1562-VNBD DC type Resolution : 640 × 480 Display colors : 16 colors



5.7" type

VGA TFT(High-brightness, wide viewing angle) GT1555-VTBD DC type Resolution : 640 × 480 Display colors : 65,536 colors

QVGA TFT(High-brightness, wide viewing angle) GT1555-QTBD DC type Resolution : 320 × 240 Display colors : 65,536 colors



QVGA STN GT1555-QSBD DC type Resolution : 320 × 240 Display colors : 4,096 colors



QVGA STN GT1550-QLBD DC type Resolution : 320 × 240 Display colors : 16 gray scales





STN G

G

G

			RS-422 connection
T1030-LBD2	Black	24VDC type	RS-232 connection
T1030-LWD	White	24VDC type	RS-422 connection
T1030-LWD2	White	24VDC type	RS-232 connection
solution : 288	×96		

Display colors : Monochrome (black/white) (Tricolor LED (green/orange/red))



STN

GT1030-LBDW Black 24VDC type RS-422 connection GT1030-LBDW2 Black 24VDC type RS-232 connection GT1030-LWDW White 24VDC type RS-422 connection GT1030-LWDW2 White 24VDC type RS-232 connection ution : 288 × 96

Display colors : Monochrome (black/white) (Tricolor LED (white/pink/red))

			NEW
STN			
GT1020-LBD	Black	24VDC type	RS-422 connection
GT1020-LBD2	Black	24VDC type	RS-232 connection
GT1020-LBL	Black	5VDC type	RS-422 connection
GT1020-LWD	White	24VDC type	RS-422 connection
GT1020-LWD2	White	24VDC type	RS-232 connection
GT1020-LWL	White	5VDC type	RS-422 connection

Display colors : Monochrome (black/white) (Tricolor LED (green/orange/red))

ution : 160 × 64

3.7" type

GOTIDOD GOTIDOO STN GT10 GT10 GT10

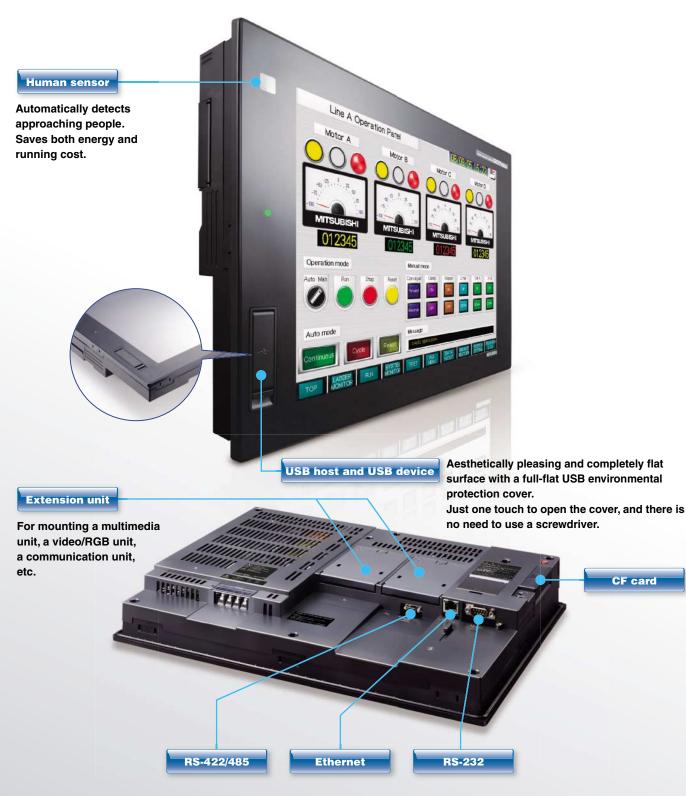
GT1020-LBDW	Black	24VDC typ	RS-422 connectio
GT1020-LBDW2	Black	24VDC typ	e RS-232 connectio
GT1020-LBLW	Black	5VDC typ	e RS-422 connectio
GT1020-LWDW	White	24VDC typ	RS-422 connectio
GT1020-LWDW2	White	24VDC typ	RS-232 connection
GT1020-LWLW	White	5VDC typ	e RS-422 connectio
	GT1020-LBDW2 GT1020-LBLW GT1020-LWDW GT1020-LWDW2	GT1020-LBDW2 Black GT1020-LBLW Black GT1020-LWDW White GT1020-LWDW2 White	GT1020-LBDW Black 24VDC ty GT1020-LBDW2 Black 24VDC ty GT1020-LBDW2 Black 24VDC ty GT1020-LBDW2 White 24VDC ty GT1020-LWDW2 White 24VDC ty GT1020-LWDW2 White 24VDC ty GT1020-LWDW2 White 5VDC ty

NEW

tion : 160 × 64 Display colors : Monochrome (black/white) (Tricolor LED (white/pink/red))



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.)

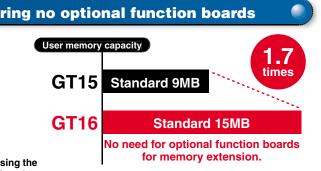
Featuring an analog touch panel

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.



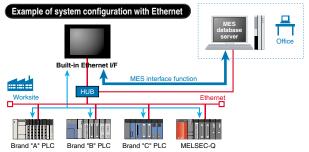
Equipped with front USB interface (See page 43.)

► 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

traceable

- GT Designer2 is easier to use. The GOT operation history is
- (See page 26.) An assortment of fonts allows for
- more expression (See page 36.) ► 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

444

inication unit, and so forth

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. Connection to FX/Q/QnACPU Connection to Q/QnACPU serial * : Refer to "GOT1000 connection manual" for the details of compatible models and connections

OS pre-installed

Pre-installed OS reduces process time

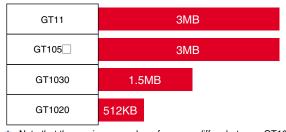
The GT10 has a basic operating system and communication driver (for FX) pre-installed as it is often used with FX series production equipment.

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

3USB

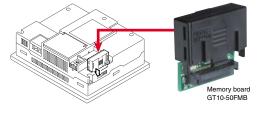
Connection cable GT09-C30USB-5P (3

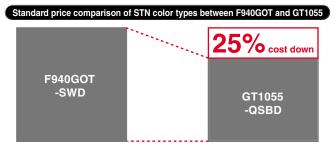
GT Designer2 GX Develor

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).

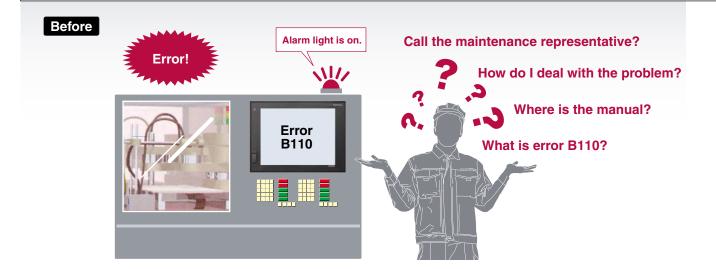
Solution

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

CASE

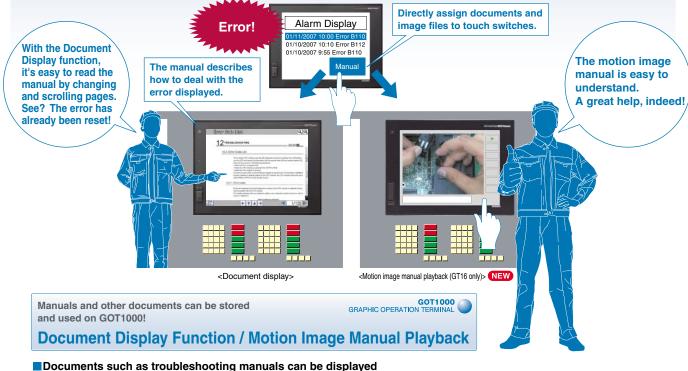
Don't panic when encountering unexpected errors

- Quick troubleshooting at the worksite



GOT Solution(1)

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



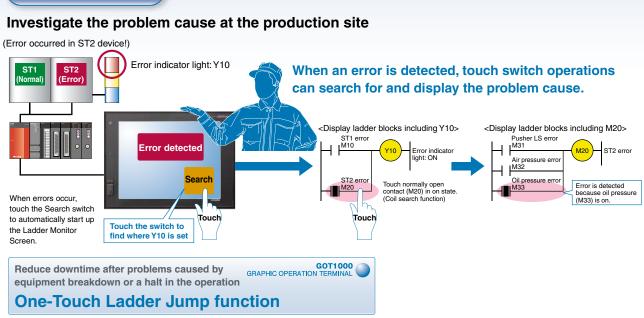
for quick reference to reduce downtime.

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.>

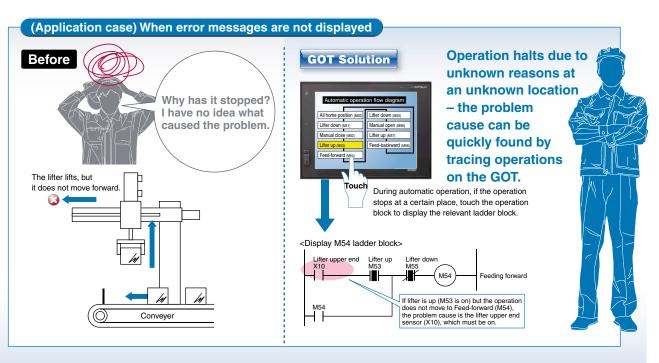


Just touch the operation flow diagram on the GOT, which will show you the root cause of the problem. There is no need to use personal computers or ladder programs. Using general purpose PLC error indication programs and detection programs makes developing new search

programs and screens unnecessary.

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

GOT Solution(2)

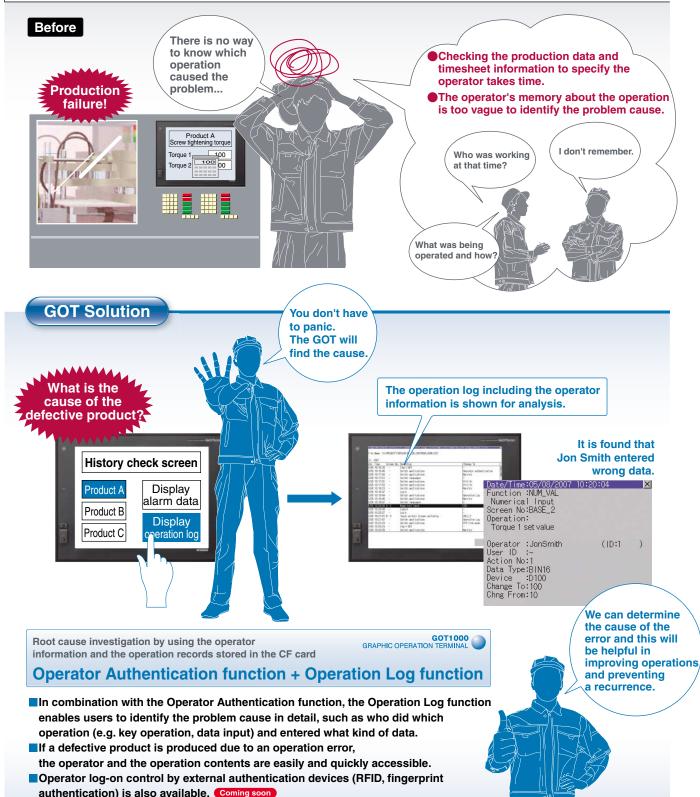






CASE

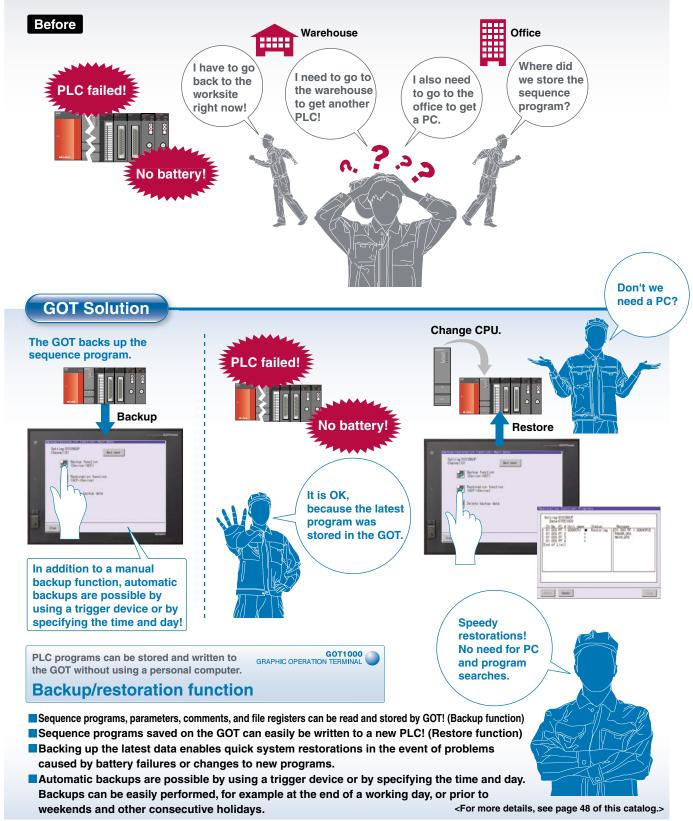
Quickly detect the cause of the problem to minimize production loss due to unexpected product failures



<For more details, see page 47 of this catalog.>

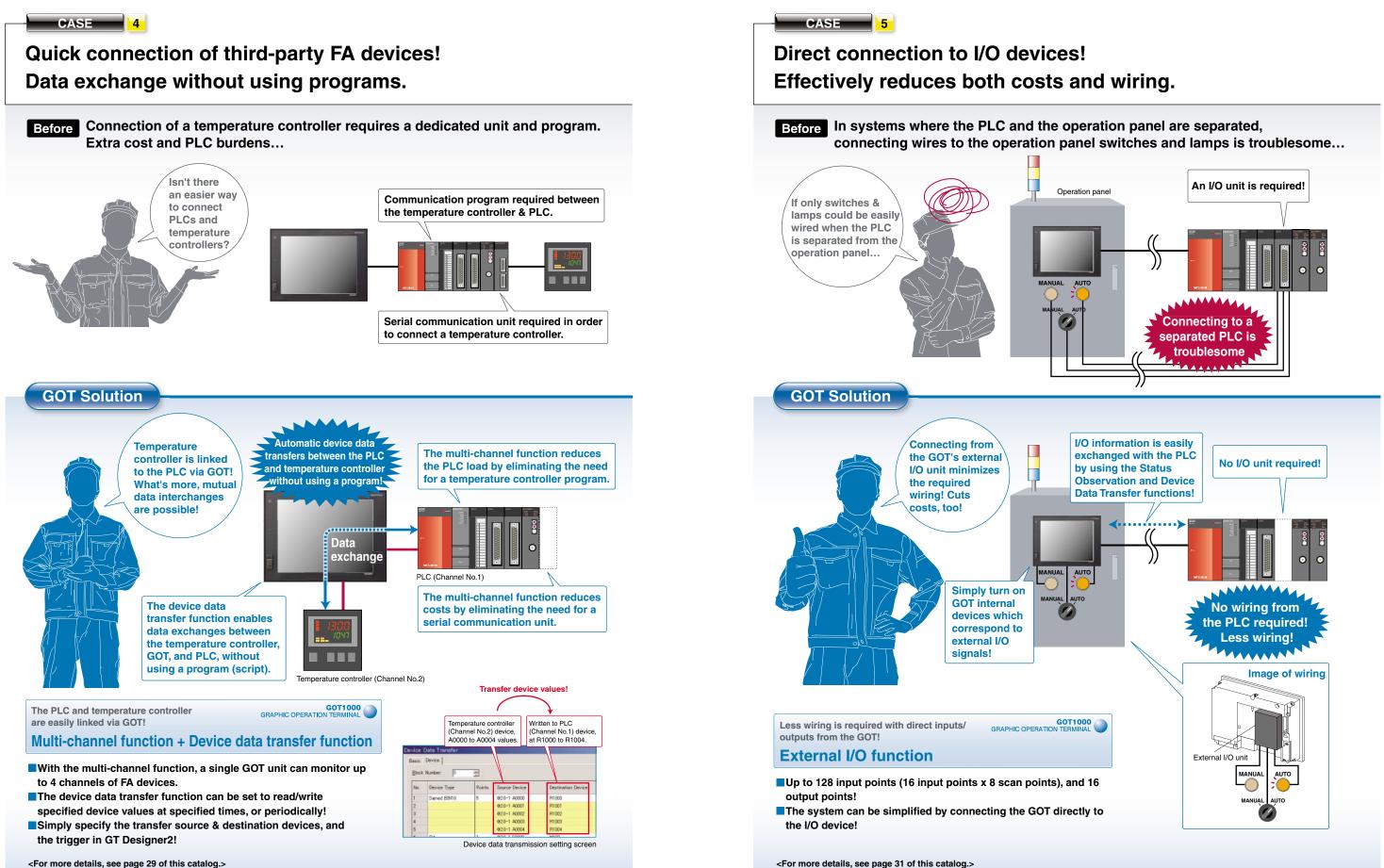
CASE

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



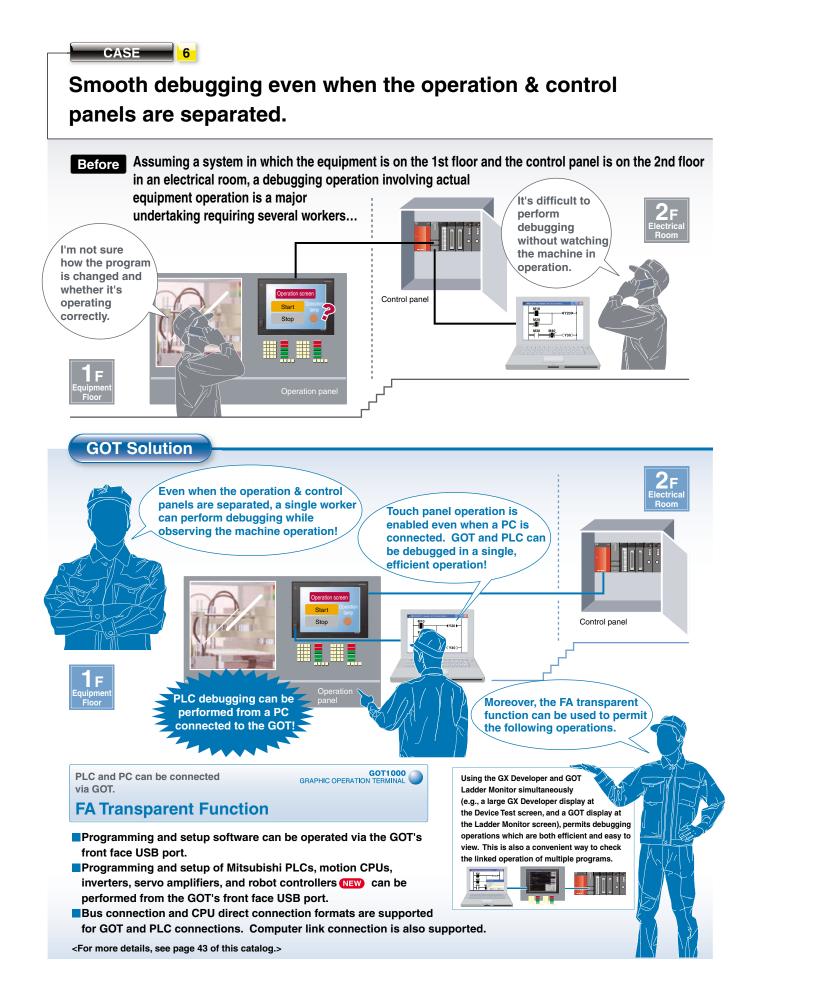








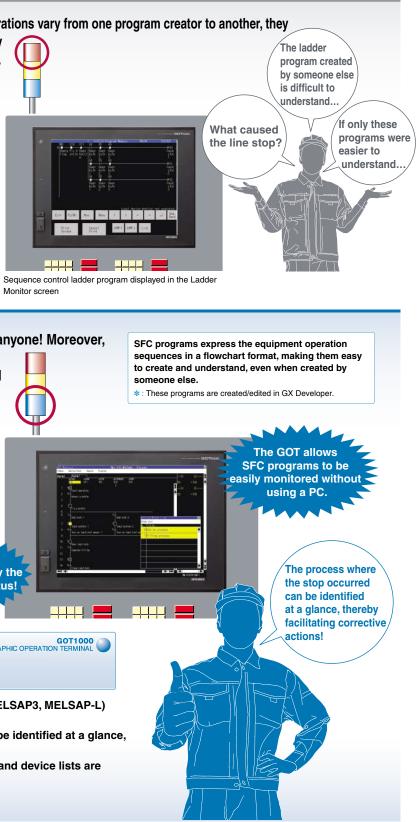




CASE SFC monitor function enables quick identification of line stop causes. Because ladder program configurations vary from one program creator to another, they Before can be confusing when viewed by someone other than the creator... Line stop! Monitor screen **GOT Solution** SFC programs are easily understood by anyone! Moreover, GOT's SFC monitor function allows the equipment operation status to be verified at a glance, even without a PC, thereby facilitating corrective actions! One glance at the SFC monitor is enough to verify the equipment operation status! GOT1000 A visualized process format makes GRAPHIC OPERATI troubleshooting easy. **SFC Monitor Function** Mitsubishi Q-Series PLC SFC programs (MELSAP3, MELSAP-L) can be monitored on the GOT. SFC graphics allow the current process to be identified at a glance, for quick and efficient status verification.

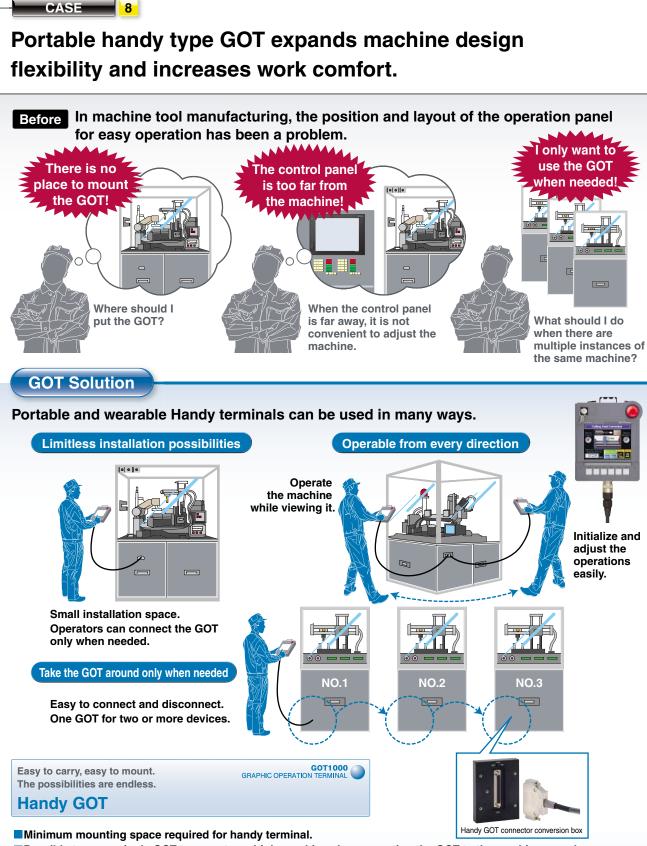
- List displays such as block lists, step lists, and device lists are also possible.
- QnUD(E)(H)CPU is also supported. NEW
- <For more details, see page 51 of this catalog.>





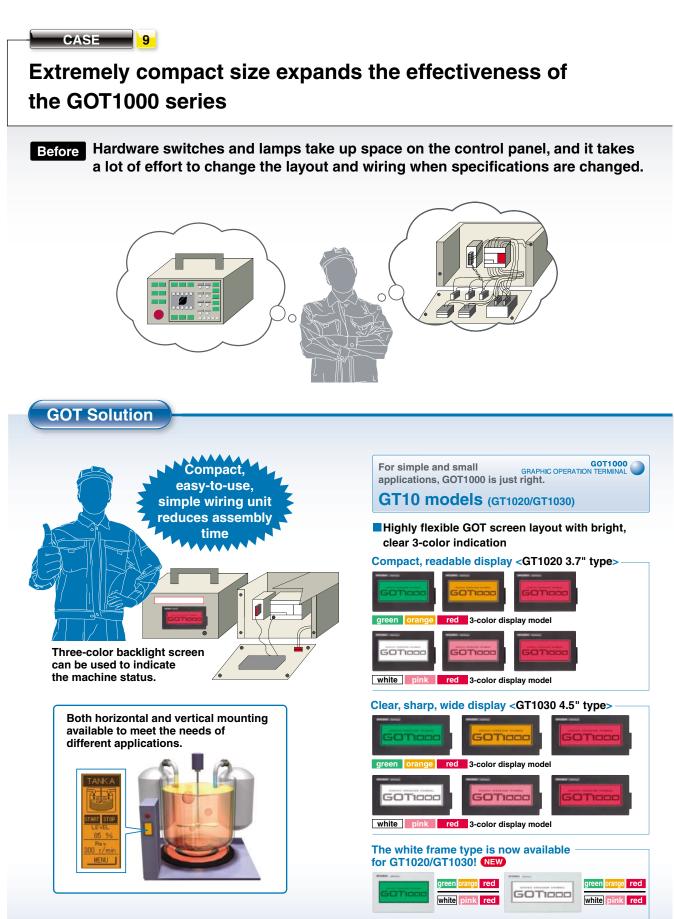


For a wide variety of applications, the GT11/GT10 fits all parts of the production line.



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.>







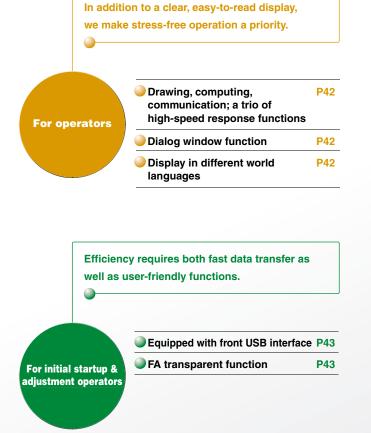


GOT1000 provides a variety of functions to satisfy user requirements

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.





P32

P33

P34

P38

P41

Gateway function

GT Designer2 Version2

GT Converter2 Version2

GT Simulator2 Version2





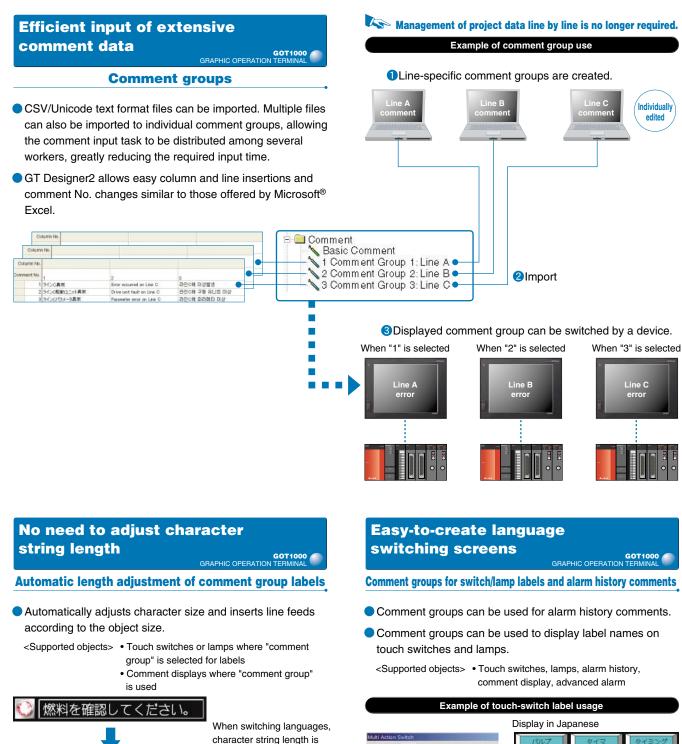
To restore a system as quickly as possible, response capabilities for "just in case" situations is the key to selecting a HMI display.



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

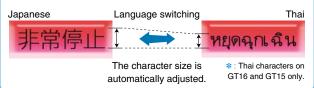
(Fixed

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.

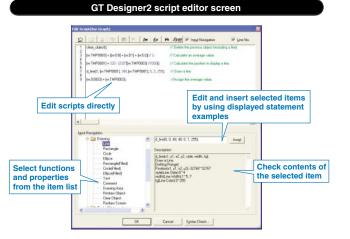


For better work efficiency and enhanced customization functions GOT1000

Script function

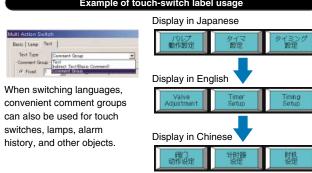
Project script/screen script

- 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



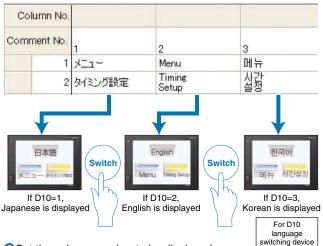


• Comment groups can be used for alarm history comments.



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.

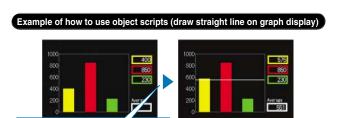


2 Set the column number to be displayed within the language switching device.

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

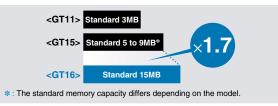
comfortable and flexible screen design options



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.

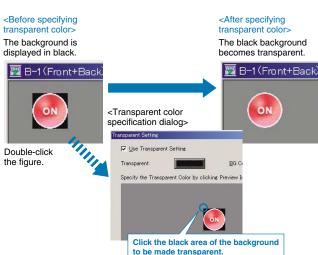


GOT1000 🥖

Improved expressiveness in screen design

Transparent bitmap figures

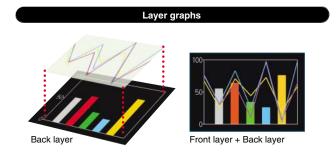
- Designers can specify a transparent color for bitmap data.
- Since the background of figures (not limited to rectangle) can be made transparent, the expressiveness of screen design is widely expanded.



- 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



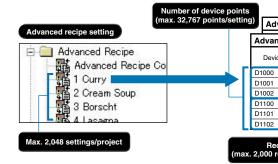
This function allows material combination data and processing conditions data (device values) to be held in the GOT, with only the required data being written to and read from the PLC.

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

Number	of settings
(max. 2,048 se	
(110.2,040.30	inings/projeor/

F	Advanced recip	be setting 204	18		Device blocks 2,048 blocks/setting
dva	nced recipe set	ting 2: Stew			
nce	ed recipe setting	g 1: Curry			1100
vices	Device comments	Record 1 Beef curry	Record 2 Pork curry	Record 3 Chicken curry	
	Beef	300	0	0	ווורנ
	Pork	0	300	0]╠╧┿┙
	Chicken	0	0	300	
	Onion	400	500	600	ר ו
	Potato	300	400	200	┣╋╧┙
	Carrot	200	250	150]]
	rde				1

Select a recipe file Select a record and execute the recipe 01-0-01 14 00 01-0-01 14 00 01-02-01 15 00 kecute recipe 17-02 Day Bas State Emplo and the second for the later better **Advanced recipe Advanced recipe**

information screen

record list screen

	G
Version2	SoftGOT1
	0

+ GOT1000	MELSEC Process Control
Models, etc.	List of Connect

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

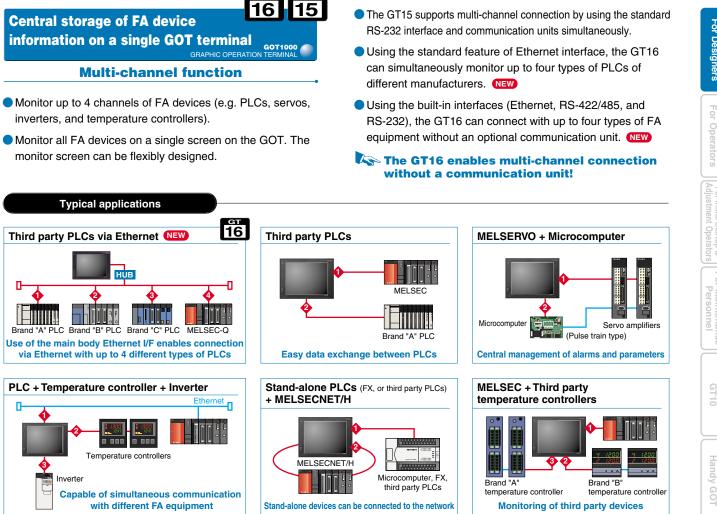
- External devices (operation panels, switches, lamps, and relays)
- Video cameras
 Displays (RGB output) Speakers
- Personal computers (RGB input)
- The latest PictBridge printers can be connected with a USB cable.
- Print GOT screens (Hardcopy function) and output production results (Report function)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

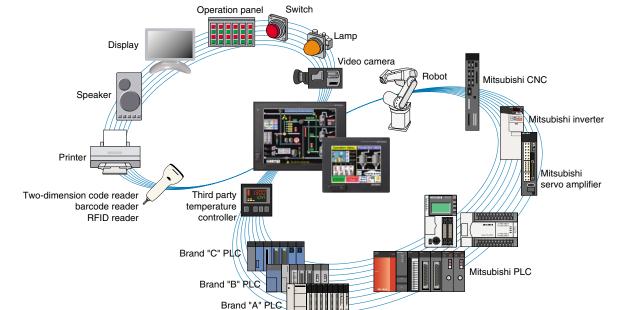
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GOT1000 🥖

Device data transfer function

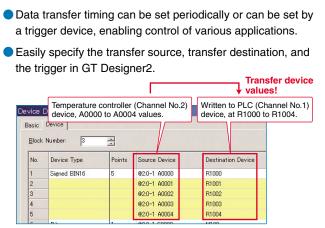
Device values from FA devices connected to GOT can easily be transmitted to GOT's internal device. Also, the multi-channel function can be used for easy mutual data transfer between multiple FA equipment.





PictBridge

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.

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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

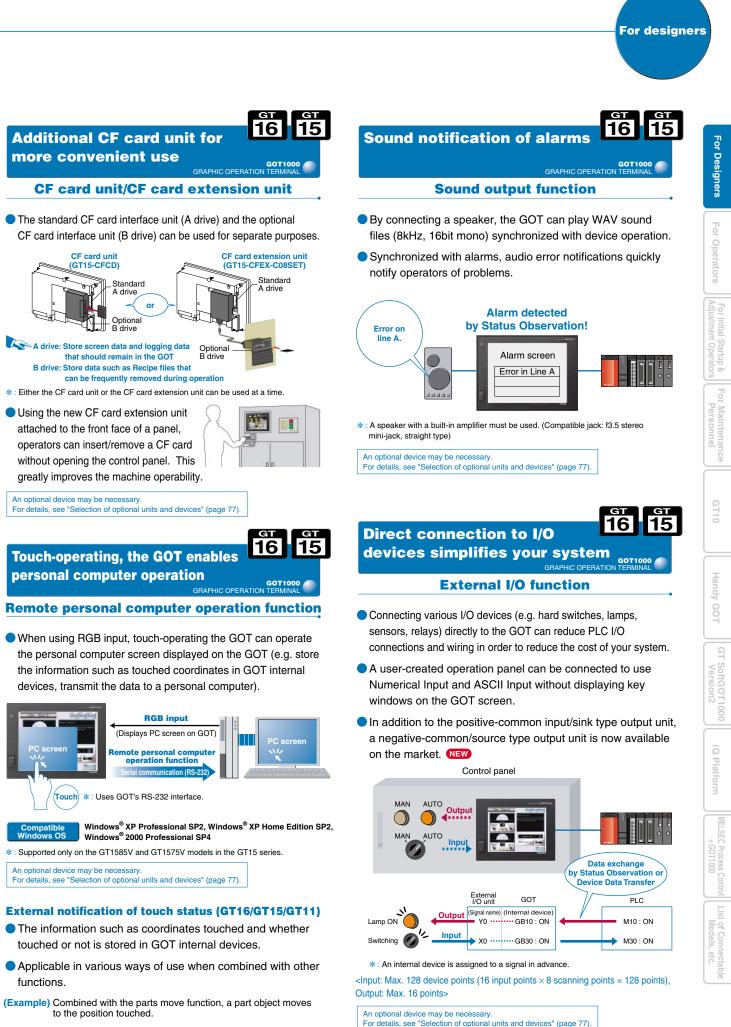
An optional device may be necessary. For details, see "Selection of optional units and devices" (page 77).

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.

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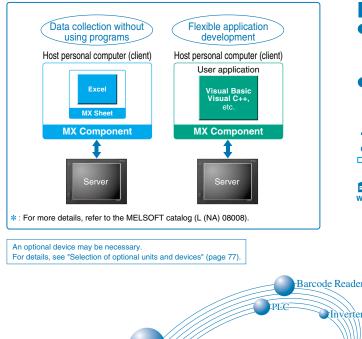
Be alerted to worksite errors and collect device data from an office desk GOT1000

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.



2 Monitor other GOTs from a GOT (client function)

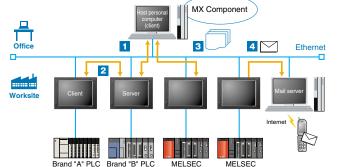
- A GOT (client) indirectly reads/writes device values of equipment monitored by the GOT (server).
- The client function can also be used to indirectly read/write device values of PLC CPUs other than the one to which the GOT (client) is connected.
- Communication is possible between a GOT1000 and a GOT-A900.

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.



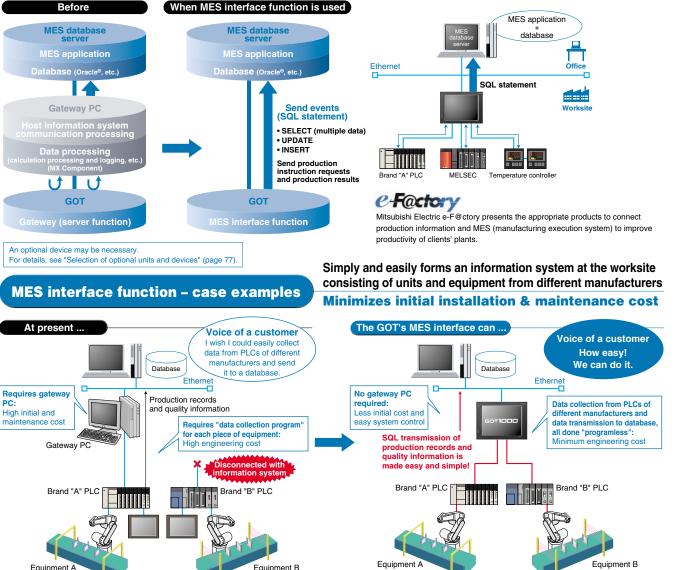


MES interface function

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)

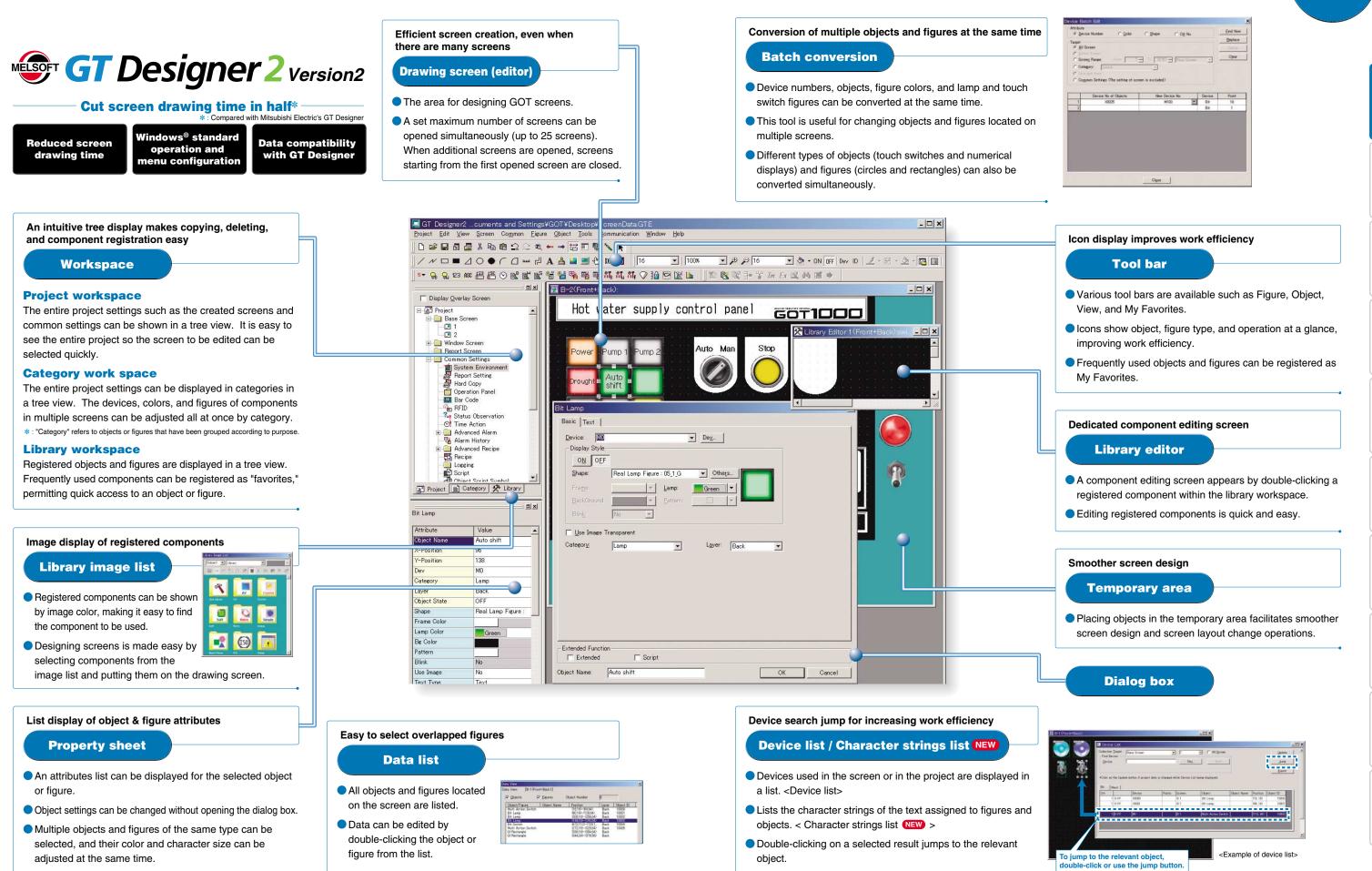
Usable databases*

- 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.

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

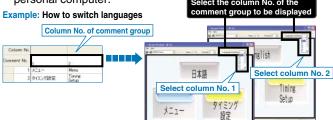
An assortment of fonts allows for more expression

- 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
- $\pmb{\ast}$: The stroke fonts are for the GT16 and GT15 only.

Easy confirmation of screen display

Screen preview

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



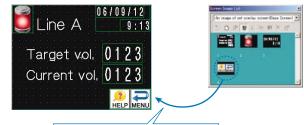
A variety of colors and an easy-to-use library GRAPHIC OPERATION TERMINAL Library color selection function

 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 GRAPHIC OPERATION TERMINAL

- 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 resolution GRAPHIC OPERATION TERMINAL Automatic object size change

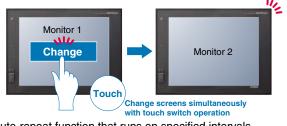
 All figures and objects can be resized according to the GOT Type to be converted. This function makes the adjustment of screen sizes a lot easier.



* : 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 OPERATION TERMINAL 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.

 7-segment font

 123458

 123455

 123455

 Stroke font

 Thai

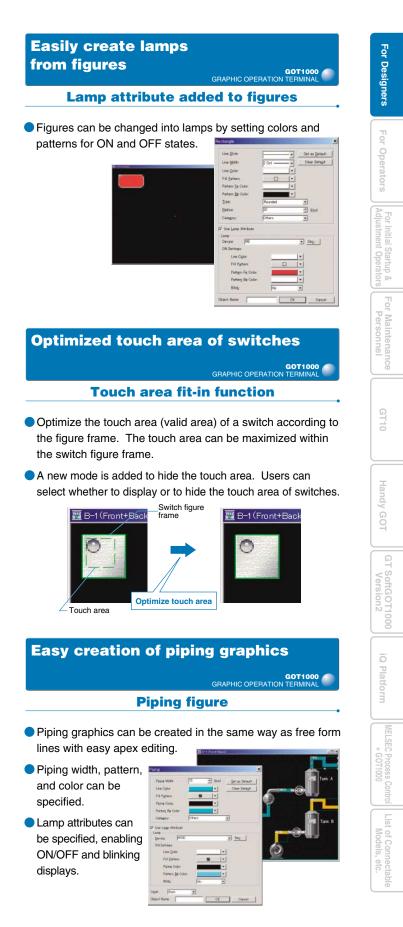
 หยุดฉุกเฉิน

 Chinese (Traditional)

 田台名次/十

GOT1000





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

GOT1000

GOT1000

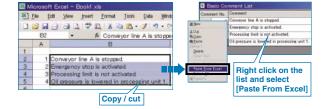
GT Designer 2 Version2

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

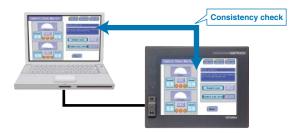
- Device data, range settings, device values, and comments, which have been created in a CSV/Unicode text file format, can easily be imported/exported to/from GT Designer2.
- This function is useful to import a large amount of data such as logging, advanced recipes, recipes, and comments.

Read created data into the GT Designer2 (Import)	Active Device
Save contents of settings of	S DIGO DEGENISATION DE LA CONTRACTA DE LA CONT
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)

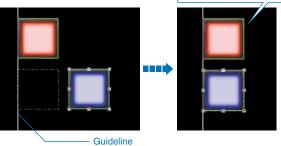


* : Backward compatibility does not extend to certain data and functions.



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.

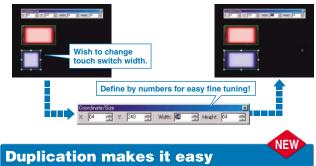






Define the width/height of objects and figures numerically

• 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.

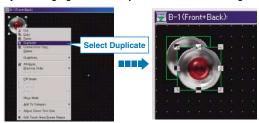


to create objects

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.

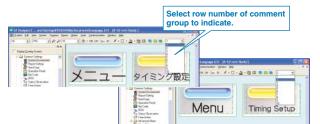


You can conveniently switch columns of a comment group during editing

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

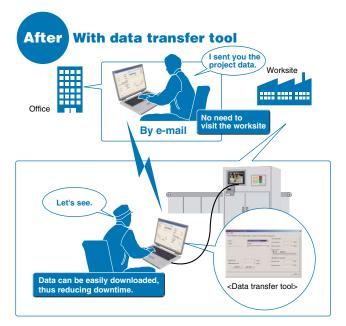
Compatible with a data transfer interface function. A user-created application program can download and upload the GOT series project data. NEW

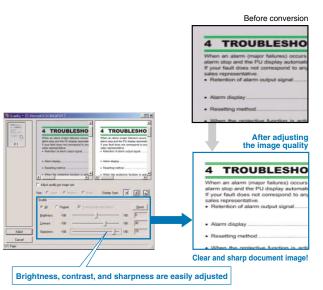
Supported GOT model GOT1000, GOT-A900, GOT-F900, GOT800

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



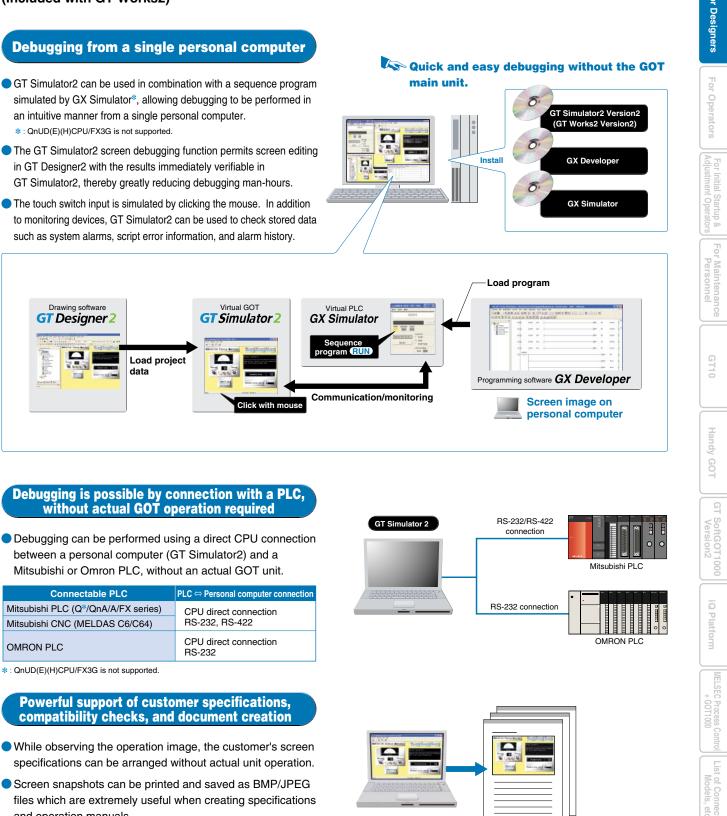


Time-saving debugging and simulation software

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.
- and operation manuals.

For designers

Quick response and useful standard functions

provide users with comfortable operation



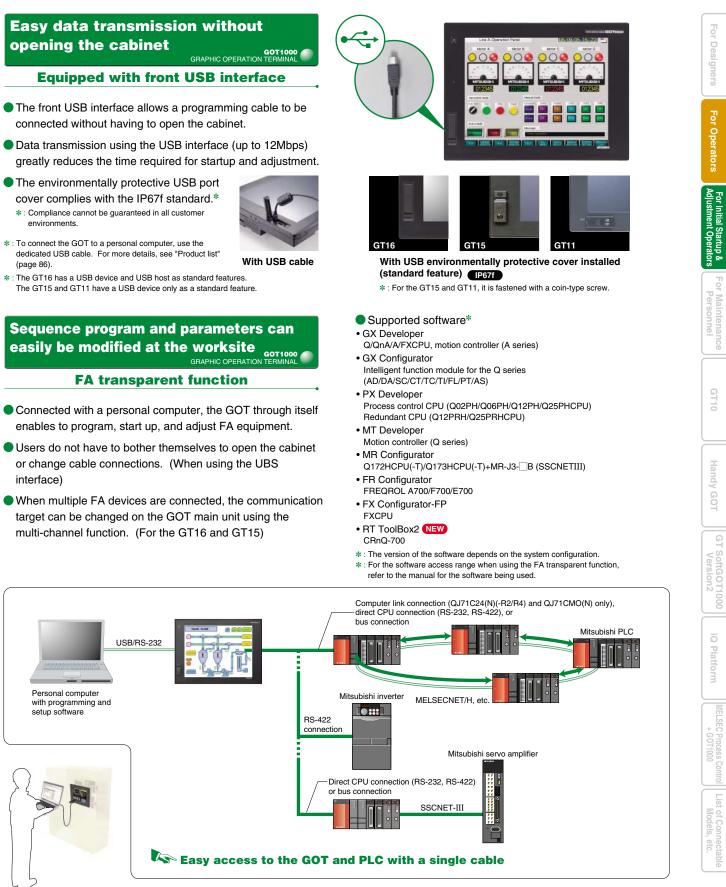
To minimize production time, the GOT provides the user with worksite-required functions

- 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

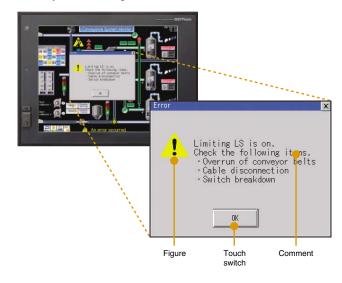
- Greatly improved response performance.
- GT16, GT15, and GT11 offer high-speed communication through the bus connection.
- High-speed communication is possible for connections with both Mitsubishi and third party PLCs.

* : 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 Etherne connectic FX direc CONNECTION FX3UC-32MT High Response performance

The monitor screen includes about 250

points of word devices

CC-Link IE controller

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

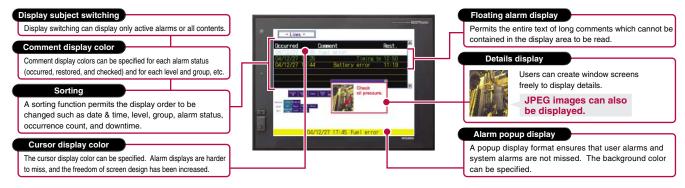
- Alarm occurrence conditions can be divided into 4 steps and conveyed to the operator in an easy-to-understand, step-by-step format.
- The four-step display makes it easy to take in and sort out alarm conditions (information such as where, what, and how). This enables efficient troubleshooting when 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.

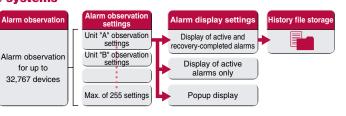
3 Easy-to-understand display

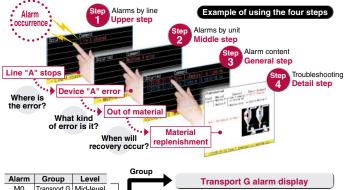
- The use of colors and popups produce easily recognizable alarm displays.
- Ensuring that alarms are not overlooked and that the alarm contents are understood, results in a speedy system recovery.

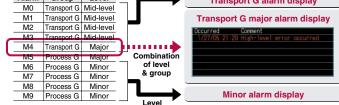


4 Improved system alarms

- 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.

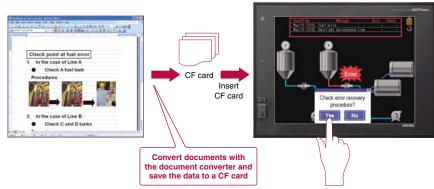






ат ат 16 15 **Display various documents** on the GOT at the worksite GOT1000 **Document display function**

- 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 o	devices" (page 77).
	NEW 16
Of great help when t	he user
senses a problem	GOT1000 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

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

5 Support in identifying alarm causes (utility function)

• Alarm occurrence conditions can be displayed in time-series

• 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

			GOT
Contraction Contraction Contraction	Information		
 Power on time information initial moment on time Classifier moment or time GGT shart time Power on sublice time 	05/35/2008 11:00 201200 secced/s1 05/12/2008 81:03 1400 second(s)		
•Conten startum time into BostED startum completion time OD startum completion time Project data host completion time	09/12/2009 30:53 09/12/2009 31:35 09/12/2009 31:15		
Display power on addition time Truch key areas count	0 hour(s) 0 hour(s) 30 time(s) 1 time(s)		
		Division statia	

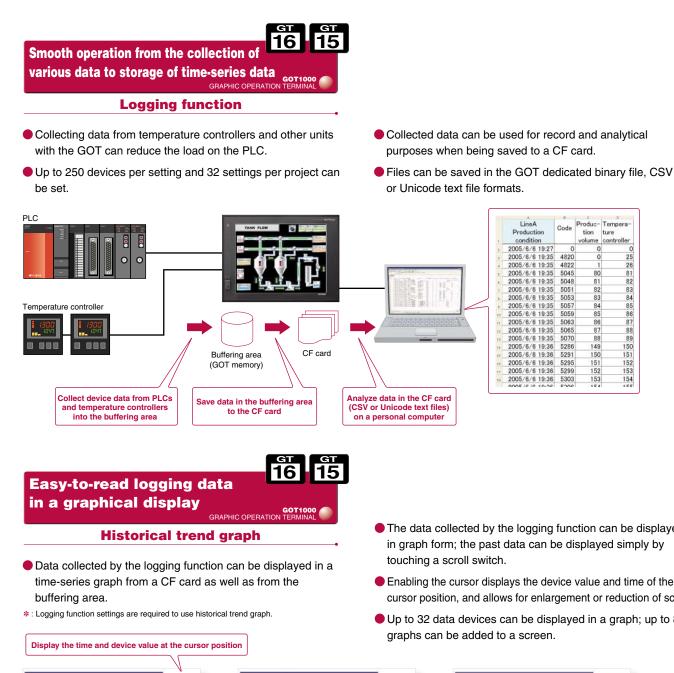
Screen showing system alarm history

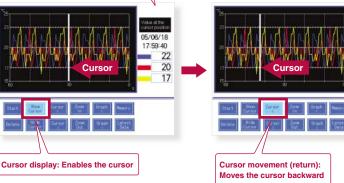


GT10
Handy GOT
GT SoftGOT1000 Version2
iQ Platform
MELSEC Process Control + GOT1000
List of Connectable Models, etc.

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

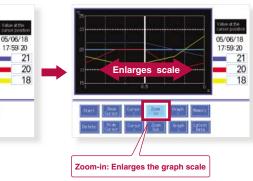
149 150

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.

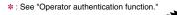


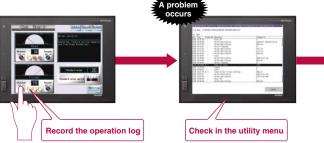
Setting the level (authority) of operation and display for each operator can strengthen security and prevent operation errors.

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.



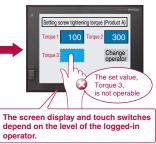


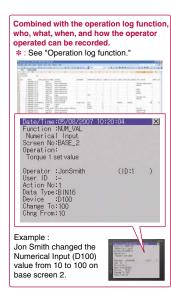
Refer to the operation log file, and investigate the problem cause.

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.

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10000 (Sec. 4) [1-1]	H	- 4	5/6/2007			DispLang	Switch languages	
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	17		5/6/2007			Lagout	Lagout	
//	10		5/6/2007			Login	Logen	
	19		5/6/2007				Touch switch: Screen switching	
	20		5/6/2007			AppChrig	Switch applications	
	21		5/6/2007			AppChing	Switch applications	
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n a personal computer	24		5/6/2007			DispLang	Switch languages	
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For Maintenan Personnel

GT10

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SoftGOT1000

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Functions designed to support maintenance work significantly reduces downtime!

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

Backup/restoration function

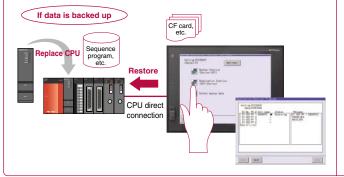
< Objective data> Programs, parameters, device comments, device initial value data, file registers, etc.

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.

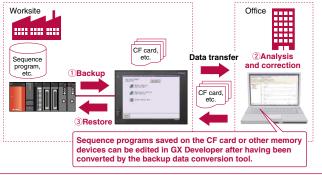


- The sequence program and parameter data of the PLC CPU and motion controller can be backed up to the CF card in the GOT.
- Automatic backups are possible by using a trigger device, or by specifying the time and day.
- Users can perform batch operation to restore the data to the PLC CPU or motion controller.

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

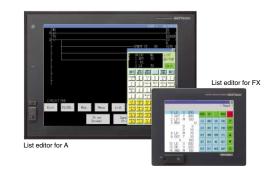
<Subject to be monitored> Backlight, display area, touch keys, and built-in flash memory Warning! Backlight needs replacement soon An optional device may be necessary For details, see "Selection of optional units and devices" (page 77).

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

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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

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Extensive FA device compatibility reduces your maintenance work

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

GOT1000

Ladder monitor function

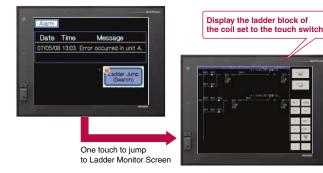
MELSEC Q/QS/QnA/A/FX series PLC sequence programs can be monitored in a circuit diagram (ladder format).

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.

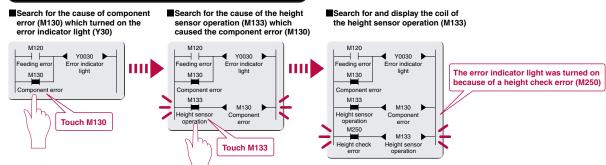


For the touch switch, users can set the PLC station No., CPU No., program name, and coil No. The touch switch will then display the corresponding ladder blocks within the multiple programs that are contained in the PLCs connected to the GOT, other station PLCs, and multiple CPUs. Local devices can be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



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



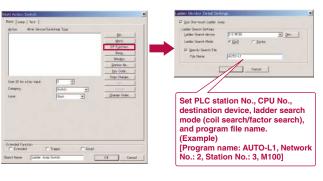
: Supported by the XGA/SVGA/VGA models : The QS series models can only monitor the data through the Q/QnA circuit. It cannot alter the device values, for instance FX3GCPU is not supported

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>

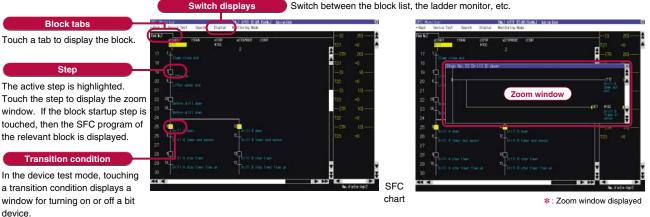
ат ат 16 15 Monitor SFC programs on the GOT to make troubleshooting even easier

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.





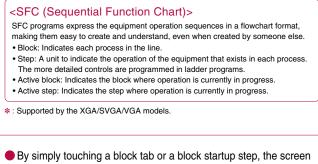
Active block list

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)



- 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 -

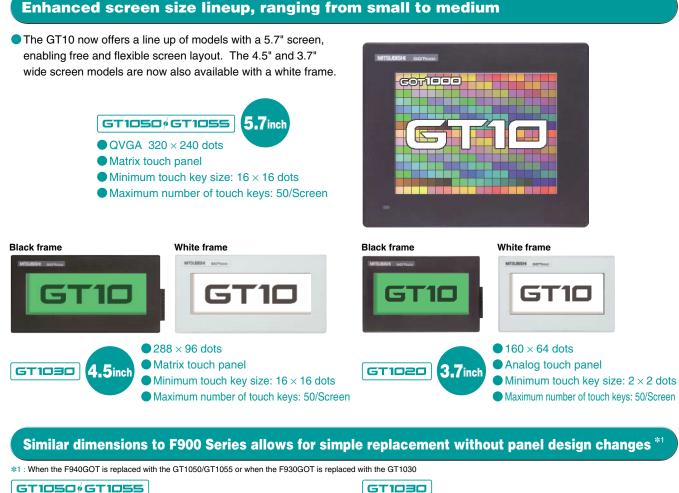
- Programs can be read from the PLC CPU and saved on the CF card, eliminating the need for re-reading from the PLC CPU even after switching off the GOT power.
- Comments in sequence programs can be saved to the GOT CF card and displayed on the SFC monitor. This can save a significant amount of PLC CPU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



ē r Maintenance Personnel

The GT10 enhances its specifications for a better selection

GT10 MODEL

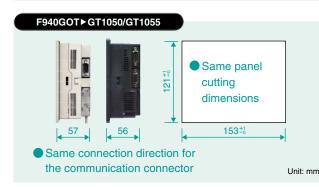


• The GT1050/GT1055 has the same panel mounting

dimensions as the F940GOT.

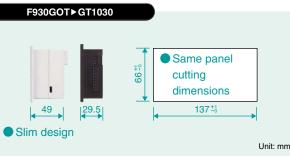
F940GOT > GT1050/GT1055



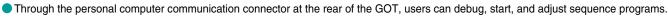


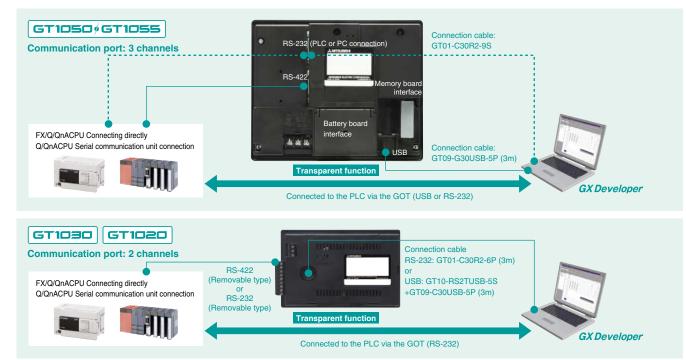
GT1030

- The GT1030 has the same panel mounting dimensions as the F930GOT yet with improved resolution*2. *2 : 1.44 times compared with the F930GOT
- F930GOT GT1030 OPERATING F930 or Window] 1.4



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

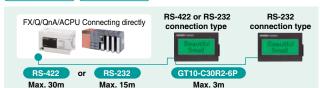


When RS-232 is used to connect the 1st unit*4



- *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.



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.

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.)



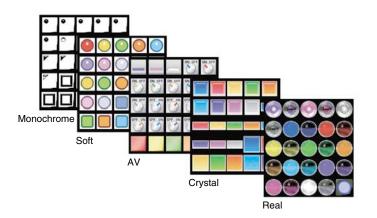
Choose your font!

• 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.



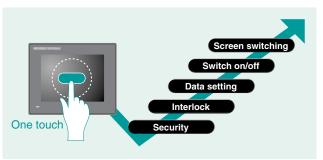
Design unification using the parts library

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.



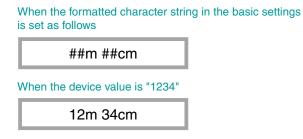
Multi action switch

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.



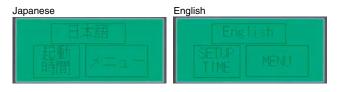
Format string function

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.



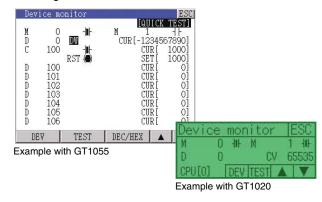
Characters from all over the world for people all over the world

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.



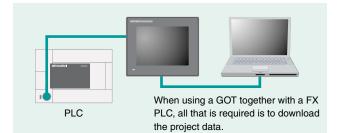
Preinstalled OS to enable immediate use

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

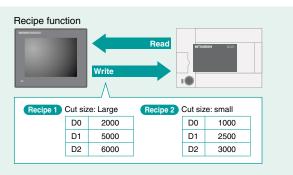
• You can edit sequence programs in the list format of the FX PLC in the GOT. This function is convenient for simple program changes at the local site.

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	LD INCP	M	8013 24	HCOE	OP		HORE	CL R
	INCP	D	100 24	LD	and	OR	FUNC	SP
	INCP	D	110 24	LDI	ANI	ORI	END	STEP
	LD=	D	224	OUT	ANB	ORB	STL	
	K	D	100 8	SET	PLS	MC	RET	۲
5	MOVP		,12	RST	PLF	MCR	NOP	60



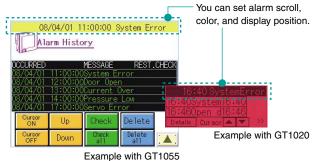
Simple data setting using the recipe function

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.

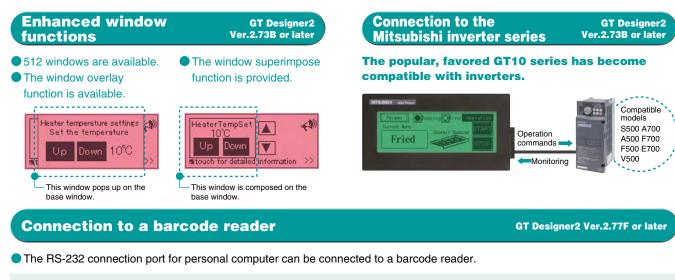
Functionality

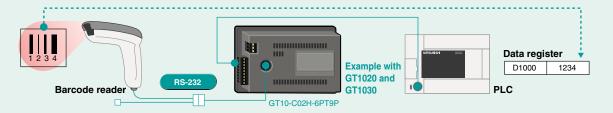
Common	 Screen (base: max. 1,024 screens, window: max. 512 windows) Fonts (standard (6 × 8 dots: Gothic, 16 dots: Gothic, 12 dots: gothic [except GT1020])/high quality/TrueType/Windows) Screen switching function, screen call-up function, language switching function, password, system information, setting 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 Clock 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

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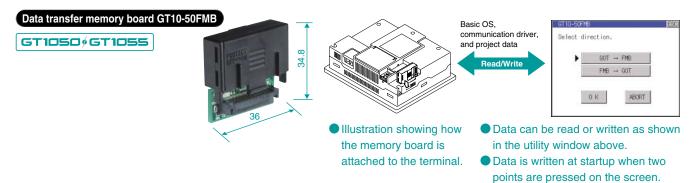
Easily added functions make it simpler to use GT10 MODEL



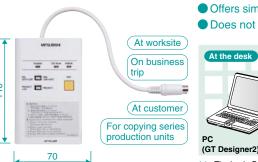


Data transfer for improved user-friendliness and flexibility

• 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 |





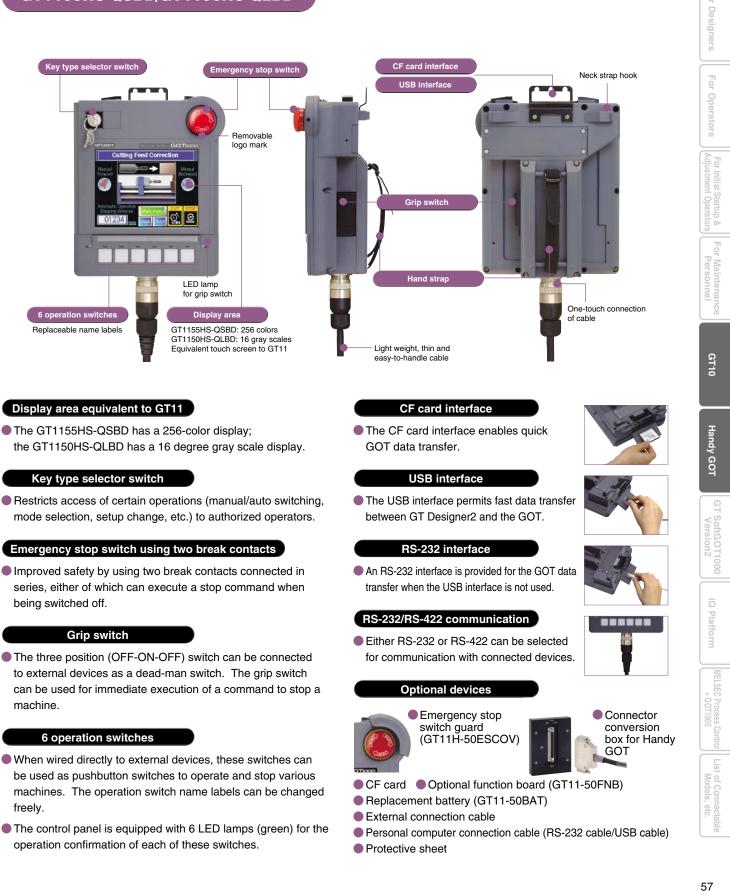


*1 : The basic OS and communication driver can be written only, and resource data can be only read. *2 : Resource data can be only read.

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

Handy GOT

GT1155HS-QSBD/GT1150HS-QLBD



Display area equivalent to GT11

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.

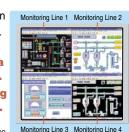
Use your personal computer as a GOT

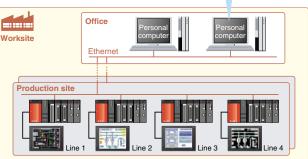
For GOT 1000 Version2

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





Connection with MELSEC instrumentation

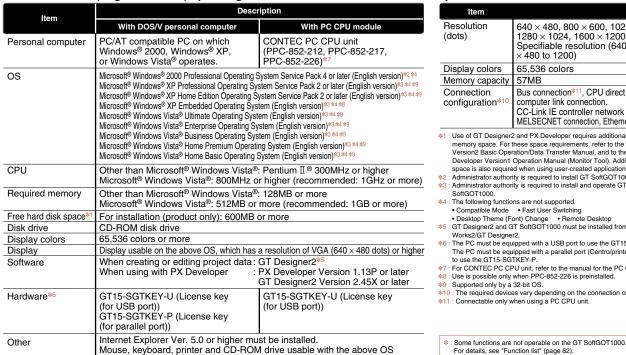
the new process control CPUs (Q02PH and Q06PHCPU).

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





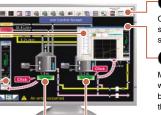
Better linkage with other applications and more flexibility when creating screens

- 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.



PX Developer monitoring tool bar

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

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	
nodule t 52-217,	Resolution (dots)	640 × 480, 800 × 600, 1024 × 768, 1280 × 1024, 1600 × 1200 Specifiable resolution (640 to 1600 × 480 to 1200)
English version) ^{%2 ≉4} nglish version) ^{%3 ≉4 ≉9} inglish version) ^{%3 ≉4 ≉9}	Display colors Memory capacity Connection configuration*10	65,536 colors 57MB Bus connection ^{#11} , CPU direct connection computer link connection, CC-Link IE controller network connection MELSECNET connection, Ethernet connection
4 *9 or higher	memory space. For t Version2 Basic Oper Developer Version1 space is also require	and PX Developer requires additional vacant hese space requirements, refer to the GT Designer/2 ation/Data Transfer Manual, and to the PX Operation Manual (Monitor Tool), Additional memory d when using user-created applications. ty is required to install GT SotfGOT1000.
: 1GHz or more) GB or more)	 *3 : Administrator authori SoftGOT1000. *4 : The following functio Compatible Mode Desktop Theme (Fc *5 : GT Designer2 and G Works2/GT Designer 	y is required to install and operate GT ns are not supported. • Fast User Switching nt) Change • Remote Desktop T SoftGOT1000 must be installed from the same GT 2.
480 dots) or higher	The PC must be equ to use the GT15-SG	
1.13P or later 2.45X or later ense key	*8 : Use is possible only *9 : Supported only by a	U unit, refer to the manual for the PC CPU module. when PPC-852-226 is preinstalled. 32-bit OS. is vary depending on the connection configuration.

GT SoftGOT1000 Connectable Device List

[PLCs/motion controllers]

_				onnection co					CPU s	eries	Serial com	unication	module/compute	er link ·	module		
Series	Model name	CPU direct connection	Computer link	MELSECNET/	MELSECNET/ 10 ⁸²	CC-Link IE	Ethernet	MELSEC-Q seri					-R2)/QJ71CMO(N)		moaule		
	Q00JCPU Q00CPU*3	-						MELSEC-Q seri	ies (A mod	le)	A1SJ71UC24-F AJ71QC24(-R2	R2/A1SJ71C	24-R2				
	Q01CPU*3	USB						MELSEC-QnA s			A1SJ71QC24(-	R2)/A1SJ71	QC24N(-R2)				
	Q02CPU*3 Q02HCPU*3	connection						MELSEC-A seri *1 : Only RS-232		cation is possible.	AJ71C24-S8/A	J/1UC24/A1	SJ71C24-R2/A1SJ7	/1UC24-	-H2		
MELSEC-Q series Q mode)	Q06HCPU*3 Q12HCPU*3	- 0	0	○*5	○*5	0	0				LSECNET/10 co	nnectio	on				
	Q25HCPU*3 Q02PHCPU							Use a network unit applicable to the network board used for GT SoftGOT1000. The network boards that can be used v GT SoftGOT1000 are shown on the right. 080BD-J71BR11 (coaxial loop), 080BD-J71LP21-25 (optical loop) and									
	Q06PHCPU							Q80BD-J71LP210			UBD-37 IBHTT (COaxianic	ор), Форр	-37 TEP21-25 (Optica	ai ioop) a	anu		
	Q12PHCPU Q25PHCPU	PHCPU			For CC-Li												
Redundant system (main base)	Q12PRHCPU Q25PRHCPU		×	0 *5 *6 *12	0*5*6	0	0	Use a network uni GT SoftGOT1000	it applicab are show	le to the network b n on the right. Q80	oard used for GT SoftGO DBD-J71GP21-SX and C	DT1000. Th	e network boards the P21S-SX	at can be	e used v		
Redundant system (extension base)	Q12PRHCPU Q25PRHCPU	X X	0	×	×	×	0	For Ether		•							
(extension base)	Q02UCPU								PU serie	-		Eth e un e	et module				
	Q03UDCPU Q04UDHCPU		0	0	0	0	0	MELSEC-Q seri			QJ71E71-100/QJ71E7						
	Q06UDHCPU Q13UDHCPU					0				307	AJ71QE71N3-T/AJ71C	2E71N-B5/A	J71QE71N-B2/AJ710	QE71N-1	T/		
	Q26UDHCPU							MELSEC-QnA s	series		AJ71QE71N-B5T/AJ71 A1SJ71QE71N-B5/A15	SJ71QE71N	-B2/A1SJ71QE71N-1	Τ/	/		
	Q03UDECPU Q04UDEHCPU							A		A1SJ71QE71N-B5T/A1SJ71QE71-B5/A1SJ71QE71-B2 AJ71E71N3-T/AJ71E71N-B5/AJ71E71N-B2/AJ71E71N-T/							
	Q06UDEHCPU Q13UDEHCPU	- ×	0	0	0	0	0	MELSEC-A seri	ies/		AJ71E71N-B5T/AJ71E A1SJ71E71N-B2/A1SJ	71-S3/A1SJ	71E71N3-T/A1SJ71	E71N-B5	5/		
	Q26UDEHCPU QJ72LP25-25							Motion controlle			A1SJ71E71-B5-S3/A1	SJ71E71-B2					
MELSECNET/H remote I/O station	QJ72LP25G	X O	×	×	×	×	×		-	within AnACPU sp	pecifications are support	ed.					
MELSEC-QS series	QJ72BR15 QS001CPU	O X	×	0	0	0	0	Third party	PLCs								
MELSEC-Q series	Q02CPU-A Q02HCPU-A	0	0	×	0	×	0	Manufact	urer	Model name	CPU direct connection (R		configuration computer link (RS-23	32)	Etherne		
A mode)	Q06HCPU-A Q2ACPU							Mi	icro PLC	CPM2A	0		· _ ·		_		
MELSEC-QnA series	Q2ACPU-S1									C200HX C200HG							
(QnACPU type)	Q3ACPU Q4ACPU	0	0*4	×	0	×	0*4		nall-size	CQM1 CQM1H							
	Q4ARCPU Q2ASCPU						<u> </u>	PL		CS1H CS1G	0		_		_		
MELSEC-QnA series	Q2ASCPU-S1	0	0*4	×	0	×	0*4	OMRON		CS1D	-						
(QnASCPU type)	Q2ASHCPU Q2ASHCPU-S1		_	· ·						CJ1H CJ1G							
	A2UCPU A2UCPU-S1	-								CJ1M CV500							
	A3UCPU A4UCPU								irge-size	CV1000	0		_		_		
	A2ACPU							PL	_C	CV2000 CVM1	_						
	A2ACPUP21 A2ACPUR21									GL120 GL130	0		×				
	A2ACPU-S1 A2ACPUP21-S1									GL60S GL60H	×		0		×		
	A2ACPUR21-S1									GL70H					^		
AELSEC A sorios	A3ACPU A3ACPUP21							Yaskawa Electri	c.	CP-9200SH CP-9300MS	×		X				
MELSEC-A series AnCPU type) ^{#10}	A3ACPUR21 A1NCPU	0*7	0	×	0	×	0	faskawa Electri	c	MP920 MP930	_		0	_	0		
A A A A	A1NCPUP21 A1NCPUR21									MP940	0		×		×		
	A2NCPU									PROGIC-8 CP-9200(H)							
	A2NCPUP21 A2NCPUR21									MP2200 MP2300	×		0		0		
	A2NCPU-S1 A2NCPUP21-S1									F3SP05							
	A2NCPUR21-S1									F3SP08 F3FP36							
	A3NCPU A3NCPUP21	_								F3SP21 F3SP25							
	A3NCPUR21 A2USCPU							Yokogawa Elect	ric	F3SP35 F3SP28	_				0		
	A2USCPU-S1							Tokogawa Elect	inc	F3SP38					0		
	A2USHCPU-S1 A1SCPU									F3SP53 F3SP58							
	A1SCPUC24-R2 A1SHCPU									F3SP59 E3SP66							
MELSEC-A series (AnSCPU type)*10	A2SCPU A2SCPU-S1	○*7	0	×	0	×	0		F3SP66 F3SP67								
	A2SHCPU							Modules usal	hle whe	n connected	with PLCs made	hv Vask:	awa Flectric C	ornor	ation		
	A2SHCPU-S1 A1SJCPU	_						For comp				by ruski		orport			
	A1SJCPU-S3 A1SJHCPU							-									
	A0J2HCPU	1	1					MEMOBUS mo	aule/comr	nunication module	JAMSC-IF60, JAN	visu-IF61, C	P-217IF, 217IF-01, 2	2171F, 21	i 8i⊢-01		
	A0J2HCPUP21 A0J2HCPUR21	0*7	0	×	×	×	0	For Ether	net co	nnection							
	A0J2HCPU-DC24 A2CCPU							Communica	tion mod	lule	218IF, 218IF-01						
MELSEC-A series*10	A2CCPUP21 A2CCPUR21	0*7	×	×	×	×	×										
	A2CCPUC24	- 0*7	0	×	×	×	×				with PLCs made b	y Yokog	awa Electric C	orpora	ation -		
	A2CCPUC24-PR A2CJCPU-S3	F 0 0*7	×	×	X	××	X X	For Ether	net co	nnection							
	A1FXCPU Q172CPU	0			×			Ethernet int	erface n	nodule	F3LE01-5T, F3LE	11-0T, F3LE	12-0T				
	Q173CPU Q172CPUN	-															
Motion controller CPU	Q173CPUN	×	×	×	×	×	×	[CNCs]	/litsubi	ishi CNCs							
(Q series)	Q172HCPU Q173HCPU							Series		lodel name			MELSECNET/ C	C-Linit I			
	Q172DCPU Q173DCPU	-								0	onnection link	H*1	10*2	C-Link IE	Ethern		
	A273UCPU	×	×	×	×	×	×	CNC C70 MELDAS C6/C6	A FC	73NCCPU A C6	0*11 0	• •	 	<u> </u>	0		
Motion controller CPU	A273UHCPU A273UHCPU-S3	0*	0	×	0	×	0	MELDAS C6/C6	T FC	A C64	○** ×	×	×	×	0*		
A series/large type)	A373UCPU A373UCPU-S3	- ×	×	×	×	×	×	Usable u	nits	when cor	nnected to M	IELDA	S C6/C64				
	A171SCPU A171SCPU-S3	×	×	×	×	×	×	For Ether					,				
	A171SCPU-S3N	^				^				J series		-	thernet module				
Motion controller CPU #10	A171SHCPU A171SHCPUN	-								AS C6/C64		-	FCU6-EX875				
	A172SHCPU A172SHCPUN	0**	0	×	0	×	0		WELD				. 000-LA0/3				
A series/small type)	A173UHCPU A173UHCPU-S1							[Robot]	Mitsub	ishi Industı	rial Robots						
A series/small type)	LA173UHCPU-S1								well a				configuration	C 1 100 1			
A series/small type)	FX0S		1	1				Cont	roller na	ime C	PU direct Computer ME onnection link	LSECNET/ H*1	MELSECNET/ CI	C-Link	Ethern		
A series/small type)	FX0S FX0N						1 1						10				
	FX0S FX0N FX1S FX1N							CRnQ-700 CRnD-700			0*11 0 X X	×	X	<u> </u>	000		
A series/small type)	FX0S FX0N FX1S FX1N FX1NC FX2N	0	×	×	×	×	×	CRnQ-700 CRnD-700			0*11 0	0	×	○ X	8		
IELSEC-FX	FX0S FX0N FX1S FX1N FX1NC	0	×	×	×	×	×	CRnD-700 *7 : Only the follo			X X	×	×	×	HCPU a		

Connection configuration for network type MELSECNET/H mode and MELSECNET/H extension mode (PC-to-P e2: Connection configuration for network type MELSECNET/10 mode (PC-to-PC net). (Including the case where the mode is switched from MELSECNET/H to MELSECNET/10 (PC-to-PC net))
 For multi-CPU configuration, use the CPU function version B or later.
 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

Modules usable when connected with Mitsubishi PLCs

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 s	pecifications are supported.
Third party PI Ce	

Manue	acturer	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	1		
		CS1H			
	PLC	CS1G	0	—	_
OMRON		CS1D			
		CJ1H			
		CJ1G			
		CJ1M			
		CV500			
	Large-size	CV1000			
	PLC	CV2000	0	_	_
	1.50	CVM1			
		GL120	<u></u>		
		GL130	0	×	
		GL60S			1
		GL60H	×	0	×
		GL70H	~	0	
		CP-9200SH	Х	0	1
		CP-9300MS	~~~~	×	1
Yaskawa E	lectric	MP920		Ô	0
		MP930	_	0	- ×
		MP940	0		
		PROGIC-8		×	×
		CP-9200(H)			
		MP2200			
		MP2300	×	0	0
		F3SP05			
		F3SP08			
		F3FP36			
		F3SP21			
		F3SP25			
		F3SP35			1
Yokogawa I	Electric	F3SP28		—	0
.o.logawa i		F3SP38			
		F3SP53			
		F3SP58			1
		F3SP59			1
		F3SP66			
		F35P60 F35P67			1

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.

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GT10

GOT

GT SoftGOT1000 Version2

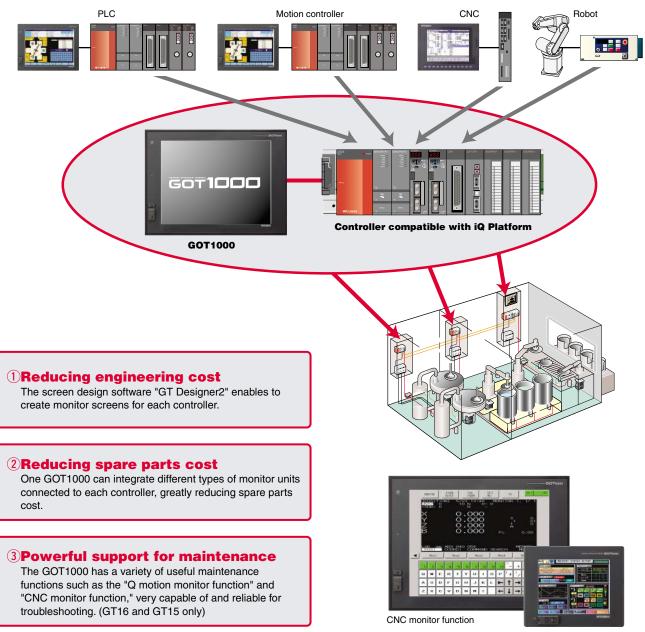
Ensuring reliable coordination with controllers compatible with the iQ Platform, the GOT1000 represents all the controls.



"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.

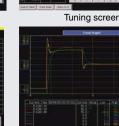
Three benefits that MELSEC process control and GOT1000 (GT16/GT15) can offer.

() 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

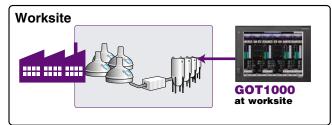
Trend graph screen NEW

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).>

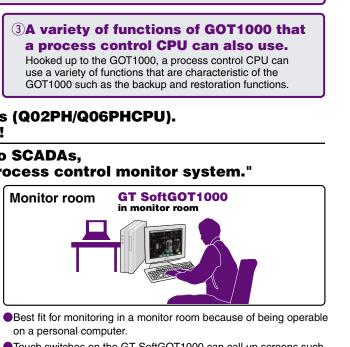
* : Connectable models and usable functions vary depending on the GOT main unit. For more details, see "List of connectable models" (page 62), "Notes for use" (page 77) and "Function list" (page 82).





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

					0														0						
				G		nect GT1			igura	ation		GT1	0					G		nect GT1			igura	atior	_
Series	Model name	Bus connection	CPU direct connection	Computer link		MELSECNET/10	CC-Link IE	CC-Link (ID) =	CC-Link (via G4) k5	Ethernet k1	CPU direct connection	Computer link	C-Link (via G4)	Series	Model name	Bus connection	CPU direct connection	Computer link		MELSECNET/10	CC-Link IE	CC-Link (ID)	CC-Link (via G4) ₿5	Ethernet *1	CPU direct
MELSEC- Q series (Q mode)	Q00JCPU \$7 Q00CPU \$7 Q01CPU \$7 Q02CPU \$7 Q02HCPU \$7 Q06HCPU \$7 Q12HCPU \$7	○*8	0	0	0	0	0	0	0	0	0	0	0	MELSEC- A series (AnSCPU	A2USCPU A2USCPU-S1 A2USHCPU-S1 A1SCPU A1SCPUC24-R2 A1SHCPU A2SCPU	0	0	0	×	0	×	0	×	0	(
Detectorization	Q25HCPU *7 Q02PHCPU Q06PHCPU Q12PHCPU Q25PHCPU Q25PHCPU										×	×	×	type)*11	A2SCPU-S1 A2SHCPU A2SHCPU-S1 A1SJCPU A1SJCPU-S3	○ *13	★12			×					
Redundant system (main base) Redundant system	Q12PRHCPU Q25PRHCPU Q12PRHCPU Q25PRHCPU	×	○ ×	×	○ ×	⊖ ₩ ×	○ ×	0	0	0					A1SJHCPU A0J2HCPU A0J2HCPUP21 A0J2HCPUR21	0) *12	0		×		0	×	0	(*
(extension base)	Q02UCPU Q03UDCPU Q04UDHCPU		0								0			MELSEC- A series*11	A0J2HCPU-DC24 A2CCPU A2CCPUP21	×) *12	×	×	×	×	×	×	×	0
	Q06UDHCPU Q13UDHCPU Q26UDHCPU Q03UDECPU	0		0	0	0	0	0	0	0		0	0		A2CCPUR21 A2CCPUC24 A2CCPUC24-PRF A2CJCPU-S3	××	0	○ ×	-	××		××	××	×	
	Q04UDEHCPU Q06UDEHCPU Q13UDEHCPU		×								×				A1FXCPU Q172CPU *14 Q173CPU *14	× • • • • • • • • • • • • • • • • • • •	0 *16	× 0 *17	0 *17	X 0 *17		X 0 *17	X 0 *17	×	
remote I/O	Q26UDEHCPU QJ72LP25-25 QJ72LP25G	×	0	0	×	×	×	×	×	0	×	×	×	Motion controller CPU	Q172CPUN *14 Q173CPUN *14 Q172HCPU Q172HCPU	0	○ ●	0	0	0	×	0	0	0];
station MELSEC-QS series	QJ72BR15 QS001CPU	X	×	×	0	0	0	×	×	0	×	×	×	(Q series)	Q173HCPU Q172DCPU	0	0	0	0	0	0	0	0	0	;
MELSEC- Q series (A mode)	Q02CPU-A Q02HCPU-A Q06HCPU-A Q2ACPU	×	0	0	×	0	×	0	×	0	0	0	-	Motion controller CPU	Q173DCPU A273UCPU A273UHCPU A273UHCPU-S3	0	*15	0	×	0	×	0	×	0	;
MELSEC- QnA series (QnACPU type)	Q2ACPU-S1 Q3ACPU Q4ACPU	0									0	0 *6	-	(A series) (large type)	A373UCPU A373UCPU-S3 A171SCPU										
MELSEC- QnA series (QnASCPU type)	Q4ARCPU Q2ASCPU Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU-S1 A2UCPU	○ *10	0	*6	×	0	×	0	×	*	×	×		Motion controller CPU (A series) (small type)	A171SCPU-S3 A171SCPU-S3N A171SHCPU A171SHCPUN A172SHCPU A172SHCPU A172SHCPUN	↓ *18	0	0	×	×	×	0	×	0	;
	A2UCPU-S1 A3UCPU A4UCPU					0								*11	A173UHCPU A173UHCPU-S1 FX0S					0					
MELSEC- A series	A2ACPU A2ACPUP21 A2ACPUR21 A2ACPU-S1 A2ACPUP21-S1 A2ACPUR21-S1 A3ACPU A3ACPUP21 A3ACPUP21 A3ACPUR21	0	0	0	×		×	0	×	0	0	0	×	MELSEC- FX series	FX0N FX1S FX1N FX1NC FX2N FX2NC FX30G FX3UC	× ×	0	×	×	×	×	×	×	×	0
(AnCPU type)	A1NCPU A1NCPUP21 A1NCPUP21 A2NCPUP21 A2NCPUP21 A2NCPUP21 A2NCPUP21 A2NCPUP21-S1 A2NCPUP21-S1 A3NCPUP21 A3NCPUP21		∗12			×					_ * 12			AU/2HCPT AU/2-C21 *12: Only the fr ACCPU A2CCPU A2CCPU A2CCPU A0/2HCI A0/2HCI *13: Cannot co X414: Use of SV SWGRN-S SWGRN-S SWGRN-S SWGRN-S SWGRN-S SThe O1/2 J The O1/2 *16: Use a unit	PU (with/without link) PU-DC24	172SH uter lin ion or li ot be u : Versic : Vers	ICPU or k unit for ater car sed. on L or on H or on B or on B or on B or on B or on H or oase is motion later in t later in t ater in t	binpute or A0J2 to be us later for later later later later connect contro the case	er link c HCPU ed to w r CPUs tted. ller witt of bus of	onnection orannoi rrite data with line the fol connection	ons. t be use a to the k, and lowing on or CP on or CP	ed. AnNCl version OS ver U direct U direct	PU(S1) H or la sion ins connecti	A2SC ter for stalled. on with	CPU, CPI Q17 Q17

*2	ŝ,	Indicates	CC-Link	IE	ne	twork	k C	onne	ct

#1 : Supported by GT16 and GT15 only.
#2 : Indicates CC-Link IE network connection
#3: When connecting multiple GOTs, note that the following GOT models cannot be used together: GOT1000 series, GOT4000 series, GOT4000 series, GOT4000 series, GOT600 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.
CC-Link (ID): Connected as CC-Link (intelligent device station) CC-Link (Via G4): Connected to a CC-Link (intelligent device station) CC-Link (Via G4): Connected to a CC-Link (intelligent device station) CC-Link (Via G4): Connected to a CC-Link (System Via AK5BT-64-S) or AJ65BT-R2N
#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:
Pevices that have been newly added to the OnACPU
Latch relay (1) and step relay (2) and step relay (3) (In the GANCPU the latch relay (1) and step relay (3) (In the GANCPU, the latch relay (1) and step relay (3)
(In the GANCPU, the latch relay (1) and step relay (3)
(In the GANCPU, the latch relay (1) and step relay (2) and step relay (3)
(In the GANCPU, the latch relay (1) and step relay (2) and step relay (3)
(In the GANCPU, the latch relay (1) and step relay (2) and step relay (3)
(In the GANCPU, the latch relay (1) and step relay (2) and step relay (3)
(In the GANCPU foundation version B or later in a multi-CPU system.
46: When using a bus extension connector box, II must be installed on an extension base. (It cannot be installed on the main base.)
47: Ube GARCPU redundant system. GOT the CPU and MELSECNET/H network unit.
48: MICH CPU redundant system. GOT the CPU and MELSECNET/H network unit.
49: IN GARCPU redundant system. GOT the CPU and the state are an as a A68RB version B or later.

EC-	FX1NC	×		×	×	×	×	×	×	×		×	
ries	FX2N	1 ^		×		×			~			×	
	FX2NC	1											
	FX3G	1											
	FX3U	1											
	FX3UC	1											
J2HCPU, J2-C214- hly the foll CCPU. E CCPU. E SCCPU S2SCPU J2HCPU J2HCPU J2HCPU J2CCPU	J (with/without link) J-DC24	172SH uter lini ion or la ot be us : Versic : Versic : Versic : Versic : Versic	CPU co ater car sed. on L or on H or on B or on B or on H or	ompute or A0J2 be use later for later later later later later later	r link co HCPU) ed to wi	onnectio cannot ite data	ons. be use a to the	ed. AnNCI	PU(S1)	A2SC	PU, A0.	J2HCP	U and

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on installed. onnection with Q172CPU or Q173CPU) onnection with Q172CPU or Q173CPU)

- Q173DCPU. of the QCPU of a multi-CPU system.

*1

: Use a unit with the following Serial No. Q172CPU Serial No. N神林林林林 or later Q173CPU Serial No. M林林林林林 or later : When an expansion base is used, use A168B

Applicable GOT varies depending on the con	nection destination.
GT16 ··· When connected via RS-232, RS-422/485 or Eth	emet: All models (Use the built-in interface of the GOT main unit.)
When connected via ports other than ab	ove: All models (Bus connection and network connection are enabled by mounting a communication unit on the GOT main unit.)
GT15 ··· When connected via RS-232	: All models (Use the built-in interface of the GOT main unit.)
When other than RS-232	 All models (Bus connection and network connection are enabled by mounting a communication unit on the GOT main unit.)
GT11 ··· When connected via RS-232 or RS-4	422: GT115-QBD

- When using bus connection : GT115 -Q BDQ, GT115 -Q BDA
- Writer Using Los Connected. Handy GOT --- When connected via RS-232 or RS-422: GT115_HS-O_BD GT10--- When connected via RS-232 : GT105_-O_BD, GT1030-LBD2/LBDW2, GT1020-LBD2/LBDW2 When connected via RS-422 : GT105_-O_BD, GT1030-LBD2/LBDW2, GT1020-LBD2/LBDW2 (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.

For computer link o				For MELSECNET/H	H connec					
CPU series		on module/compute	1	CPU series			SECNET			
	Model QJ71C24	CH1 *2 RS-232	CH2 RS-422/485			Optical QJ71LP21	Гоор		Coaxial /1BR11	bus
ELSEC-Q series	QJ71C24-R2	*2 RS-232	RS-232	MELSEC-Q series (Q mod	ne)*1	QJ71LP21-25		G0,	IDNII	
mode)	QJ71C24N	RS-232	RS-422/485		uc,	QJ71LP21S-25				
otion controller CPU	QJ71C24N-R2	RS-232	RS-232	*1 : Use CPU and MELSECN	IET/H networ	k unit function vers	ion B or lat	ter.		
eries) ELSECNET/H remote I/O	QJ71C24N-R4	RS-422/485	RS-422/485							
ation		*7 Modular connector*7 Modular connector		For MELSECNET/1	10 conne	ction				
	QJ71CMON *	*7 Modular connector RS-232	HS-232	-		MELSECNET/H (NI	T/10 mode). MELSE	CNET/10	module
ELSEC-Q series (A mode)	A1SJ710C24-R2 A1SJ71UC24-R4	RS-422/485	+	CPU series		Optical			Coaxial	
	AJ71QC24	*4 RS-232	RS-422/485			QJ71LP21	100		71BR11	
	AJ71QC24-R2	*4 RS-232	RS-232	MELSEC-Q series (Q mod	de)*1	QJ71LP21-25			12	
	AJ71QC24-R4	*4 RS-422	RS-422/485	`	<i>'</i>	QJ71LP21S-25				
	AJ71QC24N	*4 RS-232	RS-422/485	MELSEC-QnA series			1SJ71QLP		1QBR11	
	AJ71QC24N-R2 AJ71QC24N-R4	*4 RS-232 *4 RS-422	RS-232 RS-422/485			AJ71QLP21S A	ISJ71QLP		J71QBR	11
	A1SJ71QC24	*4 RS-232	RS-422/485	MELSEC-Q series (A mod MELSEC-A series	ie)	AJ71LP21 A1SJ71LP21			1BR11 SJ71BR11	1
ELSEC-QnA series	A1SJ71QC24-R2	*4 RS-232	RS-232	Motion controller CPU (As	series)	AISJ/ILP21		Ald		1
	A1SJ71QC24N	*4 RS-232	RS-422/485	*1 : Use CPU and MELSECN	,	k unit function vers	ion B or lat	ter		
	A1SJ71QC24N-R2	*4 RS-232	RS-232							
	A1SJ71QC24N1	*4 RS-232	RS-422/485	For CC-Link IE cor	ntroller n	etwork conne	ection			
	A1SJ71QC24N1-R2	*4 RS-232	RS-232	CPU series				ork oomn	nunioatia	n unit
	AJ71UC24 *4 *6 A1SJ71UC24-R2 *6		RS-422/485	CPU series		CC-Link IE contr QJ71GP21-SX	oller netw	ork comn	nunicatio	on unit
		*7 RS-232 *7 RS-422/485	-	MELSEC-Q series (Q mod	de)	QJ71GP21S-SX				
		*5 RS-232	RS-422/485			007101210-07				
	A1SJ71UC24-R2	*5 RS-232	-	●For CC-Link (ID) c	onnectio	n				
ELSEC-A series	A1SJ71UC24-R4	*5 RS-422/485	-		onnectio	11				
otion controller CPU	A1SJ71C24-R2 *	*6 RS-232	-	CPU series			CC-Link	k unit		
series)		*6 RS-422/485	-	MELSEC-Q series (Q mod	de)	QJ61BT11				
	A1SCPUC24-R2	*5 RS-232	-		,	QJ61BT11N AJ61QBT11*1				
D0 405	A2CCPUC24	*4 RS-232	RS-422/485	MELSEC-QnA series		AJ61QB111*1 A1SJ61QBT11*1				
 RS-485 communication is not therefore. A0J2-C214-S1 is u 		With function version A, e can be connected. With t		MELSEC-Q series (A mod	de)	AJ61BT11*1				
When using A series compute	r link with	ater, both CH1 and CH2	can be connected.	MELSEC-A series	,	A1SJ61BT11*1				
QnACPU, only the device range		Only CH2 can be connec		Motion controller CPU (As	series)					
AnACPU specifications are su The following devices cannot		Either CH1 or CH2 can be When connecting to A1SH		*1 : GOT can communicate only	with CC-Link	units function version	B or later a	nd softwar	e version .	J or late
. Devices that have been newly ac	ded to the QnACPU	A2SHCPU(S1), A1SJHCP	PU, A0J2HCPU,	_						
Latch relay (L) and step rela		A171SHCPU(N) or A172S computer link module softv		For CC-Link (via G	i4) conne	ection*1				
				0.011						e unit
(In the QnACPU, the latch re relay (S) are separate device	es from the *6 :		serial communication	CPU series		CC-Link u	nit	Peripher	ral devic	
relay (S) are separate device internal relay (M), but the int	ernal relay is	module operate within the	the range of devices	CPU series	4	CC-Link u QJ61BT11		Peripher AJ65BT-0		
relay (S) are separate device internal relay (M), but the int nonetheless accessed when	ernal relay is either the latch	module operate within t available on AnACPU. (the range of devices	MELSEC-Q series (Q mod	de)				G4-S3	
relay (S) are separate device internal relay (M), but the int	ernal relay is a either the latch ed.)	module operate within the	the range of devices		,	QJ61BT11 QJ61BT11N		AJ65BT-C	G4-S3	
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specific • File register (R)	ernal relay is n either the latch ed.) *7 :	module operate within th available on AnACPU. (used.)	the range of devices	MELSEC-Q series (Q mod	,	QJ61BT11 QJ61BT11N		AJ65BT-C	G4-S3	
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specifie	ernal relay is n either the latch ed.) *7 :	module operate within th available on AnACPU. (used.)	the range of devices	MELSEC-Q series (Q mod	nitor only the	QJ61BT11 QJ61BT11N master station.		AJ65BT-0 AJ65BT-F	94-S3 R2N	ly the
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specific • File register (R)	ernal relay is n either the latch ed.) *7 :	module operate within th available on AnACPU. (used.)	the range of devices	MELSEC-Q series (Q mod *1 : GT11 and GT10 can mor	nitor only the	QJ61BT11 QJ61BT11N master station. *1 : When using an /	A series Ethe	AJ65BT-C AJ65BT-F ernet with (G4-S3 R2N QnACPU,	
relay (S) are separate devico internal relay (M), but the int nonetheless accessed when relay or step relay is specifie • File register (R) For Ethernet conne	ernal relay is either the latch ad.) *7 : *Ction	module operate within th available on AnACPU. (used.)	the range of devices (R devices cannot be	MELSEC-Q series (Q mod *1 : GT11 and GT10 can mor	nitor only the	QJ61BT11 QJ61BT11N master station.	A series Ethe	AJ65BT-C AJ65BT-F ernet with (2U specifica	G4-S3 R2N QnACPU, ations are	
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specifie • File register (R) For Ethernet conne CPU series	ernal relay is either the latch ad.) *7 : *Ction	module operate within th available on AnACPU. (used.) GT10 cannot be used. QJ71E71-B5	the range of devices (R devices cannot be Ethernet module*	MELSEC-Q series (Q moo *1 : GT11 and GT10 can mor	nitor only the	QJ61BT11 QJ61BT11N master station. *1 : When using an / device ranges w supported excep • Devices that ha	A series Ethe ithin AnACP t for the following been ne	AJ65BT-C AJ65BT-F ernet with 0 PU specifica owing devie wly added	G4-S3 R2N QnACPU, ations are ces.	-
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specifie • File register (R) For Ethernet conne CPU series	ernal relay is e either the latch ed.) *7 : *7 : • Ction • QJ71E71-100	module operate within t available on AnACPU. (used.) GT10 cannot be used. QJ71E71-B5 F AJ71QE71N-T	the range of devices (R devices cannot be Ethernet module QJ71E71-B2 AJ71QE71-B5	MELSEC-Q series (Q moo *1 : GT11 and GT10 can mor QJ71E71	nitor only the	QJ61BT11 QJ61BT11N master station. *1 : When using an / device ranges w supported excep • Devices that hr • Latch relay (L)	A series Ethe ithin AnACP t for the follo ive been ne and step rel	AJ65BT-C AJ65BT-F ernet with 0 PU specifica owing devia wly added lay (S)	QnACPU, ations are ces. to the Qn,	ACPU
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specific File register (R) For Ethernet connet CPU series ELSEC-Q series (Q mode	erenal relay is e either the latch ed.) *7 : ection e) QJ71E71-100 AJ71QE71N3-	module operate within ta available on AnACPU. (used.) GT10 cannot be used. QJ71E71-B5 AJ71QE71N-T 5 AJ71QE71N-B51	the range of devices (R devices cannot be Ethernet module QJ71E71-B2 AJ71QE71-B5	MELSEC-Q series (Q moo *1 : GT11 and GT10 can mor 11 QJ71E71 A1SJ71QE71N-B2 A1SJ710	nitor only the	QJ61BT11 QJ61BT11N master station. I : When using an <i>J</i> device ranges w supported excep • Devices that h • Latch relay (L) (In the QnACP	A series Ethe ithin AnACP t for the follo ive been ne and step rel U, the latch	AJ65BT-C AJ65BT-F ernet with 0 PU specifica owing devia wly added lay (S) relay (L) a	QnACPU, ations are ces. to the Qn nd step re	ACPU lay (S)
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specific • File register (R) For Ethernet conne CPU series ELSEC-Q series (Q mode ELSEC-QnA series	emai relay is either the latch ad.) *7 : *Ction) QJ71E71-100 AJ710E71N-B AJ710E71N-B AJ710E71N-B	module operate within ta available on AnACPU. (used.) GT10 cannot be used. QJ71E71-B5 AJ71QE71N-T 5 AJ71QE71N-B51	the range of devices (R devices cannot be Ethernet module ⁴ QJ71E71-B2 AJ710E71-B5 T A1SJ71QE71N3-T	MELSEC-Q series (Q moo *11: GT11 and GT10 can mor QJ71E71 A1SJ710E71N-B2 A1SJ710 A1SJ710E71N-T A1SJ710 A1SJ710E71N-B5T	nitor only the	QJ61BT11 QJ61BT11N master station. *1 : When using an / device ranges w supported excep • Devices that h • Latch relay (L) (In the QnACP are separate d	A series Ethe ithin AnACP t for the folla we been ne and step rel U, the latch evices from	AJ65BT-C AJ65BT-F PU specifica owing devid wly added lay (S) relay (L) at the interna	QnACPU, ations are ces. to the Qn nd step re al relay (M)	ACPU lay (S)), but the
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specific File register (R) For Ethernet connet CPU series ELSEC-Q series (Q mode	emai relay is either the latch ad.) *7 : *Ction) QJ71E71-100 AJ710E71N-B AJ710E71N-B AJ710E71N-B	module operate within tlavailable on AnACPU. (issed.) GT10 cannot be used. QJ71E71-B5 AJ71QE71N-T AJ71QE71N-T5 AJ71QE71N-B51 2 AJ71QE71	the range of devices (R devices cannot be UTTE71-B2 AJ71QE71-B5 AJ71QE71-B5 AJSJ1QE71N-3-T A1SJ71QE71N-85	MELSEC-Q series (Q mod *1: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71QE71N-T	DE71-B5 QE71-B2	QJ61BT11 QJ61BT11N master station. I : When using an <i>J</i> device ranges w supported excep • Devices that h • Latch relay (L) (In the QnACP	A series Ethe ithin AnACP t for the follow we been ne and step rel U, the latch evices from nonetheles	AJ65BT-C AJ65BT-F PU specifica owing devia wily added lay (S) relay (L) at the interna	QnACPU, ations are ces. to the Qn nd step re al relay (M)	ACPU lay (S)), but the
relay (S) are separate device internar relay (M), but the int nonetheless accessed when relay or step relay is specifie • File register (R) For Ethernet conne CPU series ELSEC-Q series (Q mode ELSEC-QnA series ELSEC-Q series (A mode	iteration *7: iteration *7: iteration *7: iteration iteration iteration AJ710271NB AJ710271N-B AJ710271N-B iteration AJ71271N-T iteration AJ71271N-T	module operate within tlavailable on AnACPU. (issed.) QJ71E71-B5 r AJ71QE71N-T 5 AJ71QE71N-B51 2 AJ71QE71N-T 2 AJ71QE71N-T 3 AJ71QE71N-T	the range of devices (R devices cannot be DUTE71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ710E71N-B5 A1SJ710E71N3-T	MELSEC-Q series (Q mod *1: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71QE71N-T	2E71-B5 2E71-B5 2E71-B5 2E71-B5-S3	QJ61BT11 QJ61BT11N master station. *1 : When using an / device ranges w supported excep • Devices that ha • Latch relay (L) (In the QnACP are separate d internal relay is	A series Ethe ithin AnACP t for the follow we been ne and step rel U, the latch evices from nonetheles tep relay is s	AJ65BT-C AJ65BT-F PU specifica owing devia wily added lay (S) relay (L) at the interna	QnACPU, ations are ces. to the Qn nd step re al relay (M)	ACPU lay (S)), but the
relay (S) are separate device internal relay (M), but hey relay or step relay is specific - File register (R) For Ethernet connec CPU series ELSEC-Q series (Q mode ELSEC-Q series (A mode ELSEC-Q series (A mode ELSEC-A series	eremai relay is e either the latch ed.) *7 : ::	module operate within tlavailable on AnACPU. (used.) QJ71E71-B5 QJ71E71-B5 AJ71QE71N-T 5 AJ71QE71N-B51 2 AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71E71N-T AJ71E71N-T	the range of devices (R devices cannot be QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71QE71N3-T A1SJ71E71N3-T A1SJ71E71N-B5	MELSEC-Q series (Q mod *1: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-B5T A1SJ71QE71N-T	2E71-B5 2E71-B5 2E71-B5 2E71-B5-S3	QJ61BT11 QJ61BT11N master station. (c) : When using an / device ranges w supported excer • Devices that ha • Latch relay (L) (In the QnACP are separate d internal relay is latch relay or s	A series Ethe ithin AnACP t for the follow we been ne and step rel U, the latch evices from nonetheles tep relay is s	AJ65BT-C AJ65BT-F PU specifica owing devia wily added lay (S) relay (L) at the interna	QnACPU, ations are ces. to the Qn nd step re al relay (M)	ACPU lay (S)), but the
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relay (S) are separate device internar relay (M), but the int nonetheless accessed when relay or step relay is specific - File register (R) For Ethernet connet <u>CPU series</u> ELSEC-Q series (Q mode ELSEC-QnA series ELSEC-Q series (A mode ELSEC-A series otion controller CPU (A se	emai relay is either the latch ed.) *7 : *7 : *** *** *** *** *** *** *** *** *** **	available operate within t available on AnACPU. (used.) GT10 cannot be used.	the range of devices (R devices cannot be CJ71E71-B2 AJ710E71-B5 T A1SJ710E71-B5 A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 v alarms.	MELSEC-Q series (Q mod *1: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-B5T A1SJ71QE71N-B5T A1SJ71E71N-T A1SJ71E71N-B5T A1SJ71E71N-B5T	DE71-B5 DE71-B2 DE71-B2 DE71-B2 DE71-B2-S3 C71-B2-S3 De used to n	QJ61BT11 QJ61BT11N master station. *1 : When using an / device ranges w supported excep • Devices that ha • Latch relay (L) (In the QnACP are separate d internal relay is latch relay or s • File register (R	A series Ethr thin AnACP t for the follow t for the follow to follow to the follow to the follow to the follow to the follow to	AJ65BT-C AJ65BT-F ernet with (¹ U specific voving devi wly added wly added lay (S) relay (L) at the interna ss accesses specified.)	QnACPU, ations are ces. to the Qn, nd step re al relay (M) d when eit	ACPU lay (S)), but the
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relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specifie • File register (R) For Ethernet connet CPU series ELSEC-Q series (Q mode ELSEC-Q series (Q mode ELSEC-Q series (A mode ELSEC-A series otion controller CPU (A se nverters The GOT Model nam REQROL-S500/S500E	emai relay is either the latch ed.) *7 : *7 :	available operate within t available on AnACPU. (used.) GT10 cannot be used.	the range of devices (R devices cannot be CJ71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 v alarms. T1//GT10 RS-232 X	MELSEC-Q series (Q mod *1 : GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-B2 A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E7 The GOT can b their parameter Series Model	DE71-B5 DE71-B2 DE71-B2 DE71-B2 DE71-B2-S3 C71-B2-S3 De used to n	QJ61BT11 QJ61BT11N master station.	A series Etht thin AnACP t for the follow we been ne and step rel J, the latch avices from nonetheles cNC C70 5/GT11 onfigurati	AJ65BT-C AJ65BT-F ernet with (2U specifica owing devi wly added lay (S) relay (L) at the interna ss accesses specified.)	QnACPU, ations are ces. to the Qn, nd step re al relay (M) d when eit	ACPU lay (S)), but the
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relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specifie - File register (R) For Ethernet conne CPU series ELSEC-Q series (Q mode ELSEC-QnA series ELSEC-QnA series ELSEC-Q series (A mode ELSEC-A series otion controller CPU (A sec nverters The GOT Model nam REQROL-S500/S500E ELQROL-E500	emai relay is either the latch ed.) *7 : *7 :	module operate within th available on AnACPU. (used.) GT10 cannot be used. QJ71E71-B5 F AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71E71N-B51 AJ71E71N-S3	the range of devices (R devices cannot be QJ71E71-B2 AJ71QE71-B5 T A1SJ71QE71N3-T A1SJ71QE71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 r alarms. T11/GT10 RS-232 X X	MELSEC-Q series (Q mod *1 : GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-B2 A1SJ71QE71N-B5T A1SJ71QE71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E7 The GOT can b their parameter Series Model	DE71-B5 DE71-B2 DE71-B2 DE71-B2 DE71-B2-S3 C71-B2-S3 De used to n	QJ61BT11 QJ61BT11N master station.	A series Etht thin AnACP t for the followe been ne and step rel y the latch vices from nonetheles cNC C700 5/GT11 Dnfigurati EC CC-Link I EC CC-Link	AJ65BT-C AJ65BT-F ernet with (2U specifica owing devi wly added lay (S) relay (L) at the interna ss accesses specified.)	QnACPU, ations are ces. to the Qn, nd step re al relay (M) d when eit	ACPU lay (S)), but the ther the
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relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specific For Ethernet conne CPU series ELSEC-Q series (Q mode ELSEC-Q series (Q mode ELSEC-Q series (A mode ELSEC-A series Dion controller CPU (A se Noverters The GOT Model nam IEQROL-F500 IEQROL-F500 IEQROL-F500 IEQROL-F500 IEQROL-F500 IEQROL-AS00/AS00L IEQROL-AS00/AS00L	emai relay is either the latch ed.) *7 : *7 :	module operate within it available on AnACPU. (used.) QJ71E71-B5 AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71QE71N-T AJ71E71N-T A	the range of devices (R devices cannot be Ethernet module QJ71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N3-T A1SJ71E71N-B5 A1SJ71E71N-B2 r alarms. F11/GT10 RS-232 × × × × × × × ×	MELSEC-Q series (Q mod *1 : GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71Q A1SJ71QE71N-B5T A1SJ71E71N-T A1SJ71E A1SJ71E71N-B5T A1SJ71E A1SJ71E71N-B5T A1SJ71E CNC The GOT can b their parameter Series Model Bus CNC C70 Q173NCCPU O	DE71-B5-S3 271-B5-S3 271-B2-S3 be used to n rs.	QJ61BT11 QJ61BT11N master station. #1 : When using an / device ranges w supported excep • Devices that ha • Latch relay (L) (In the OnACP are separate d internal relay is latch relay or s • File register (R monitor Mitsubishi GT16/GT ² Connection c nputer MELSEC MELS NET/H NET	A series Etht thin AnACP t for the followed been ne and step rel u, the latch avices from nonetheles tep relay is s CNC C700 5/GT11 Donfigurati EC CC-Link EC CC-Link 2 *1*66	AJ65BT-C AJ65BT-F ernet with (U specific owing devit wly added lay (S) relay (L) at the interna ss accesses specified.) 0 and C6/	CC-Link	ACPU lay (S)), but the ther the d to set
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relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specifie • File register (R) For Ethernet conne CPU series ELSEC-Q series (Q mode ELSEC-Q series (Q mode ELSEC-Q series (A mode ELSEC-Q series (A mode ELSEC-A series otion controller CPU (A se Noverters The GOT Model nam EQROL-5500/5500E EQROL-5500J EQROL-5500J EQROL-5500J EQROL-5500J EQROL-5500J EQROL-5500J EQROL-5500J EQROL-5500J EQROL-5500J EQROL-5700	emai relay is either the latch ed.) *7 : *7 :	module operate within it available on AnACPU. (used.) GJ71E71-B5 AJ71QE71N-T AJ71QE71N-T5 AJ71QE71N-T5 AJ71QE71N-T5 AJ71E71N-B51 AJ71E71N-T5 AJ71E71N-T6 AJ71E71N-T7 AJ71E71N-T6 AJ71E71N-T6 AJ71E71N-B51 AJ71E71N-B51 AJ71E71N-B51 AJ71E71S3	the range of devices (R devices cannot be Cuj71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 v alarms. T1//GT10 RS-232 × × × × × × × × × × × × ×	MELSEC-Q series (Q mod *11: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71E71N-T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E	DE71-B5 DE71-B5 DE71-B2 E71-B5-S3 E71-B5-S3 E71-B2-S3 De used to n rs.	QJ61BT11 QJ61BT11N master station. #1 : When using an / device ranges w supported excer • Devices that ha • Latch relay (L) (In the GnACP are separate d internal relay is iatch relay or s • File register (R monitor Mitsubishi GT16/GT [*] Connection c mputer MELSEC MELS mputer MELSEC MELS	A series Eththin AnACP to the follower been ne and step rel y, the latch we been ne and step rel y, the latch nonetheles tep relay is s cNC C700 5/GT11 0 15/GT11 0 16 C CC-Link 10 16 C CC-Link	AJ65BT-CAJ65BT-F AJ65BT-F ernet with (U specific owing devix wly added lay (S) relay (L) at the interna ss accesses specified.) 0 and C6/	QnACPU, ations are ces. to the Qn, nd step re il relay (M d when eit /C64 anc	ACPU lay (S)), but the ther the d to set
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T11/GT10 RS-232 X X X X X X X X X X X X X	MELSEC-Q series (Q mod *11: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71E71N-T A1SJ71E71N-T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E7 A1SJ71E71N-B5T A1SJ71E7 A1SJ71E7 CNC The GOT can b their parametel Series Model Bus connection CNC C70 Q173NCCPU MELDAS FCA C6 C6/C64 FCA C64 X C0/C64 C0/C64 C0/C64 C0/C64 C0/C64 X C0/C16 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/C17 C0/	DE71-B5-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-5	QJ61BT11 QJ61BT11 Master station. *1 : When using an <i>J</i> device ranges w supported excep • Devices that he • Latch relay (L) (In the GnACP are separate d internal relay is latch relay or s • File register (R monitor Mitsubishi GT16/GT [*] Connection c nputer NET/H NET NET/H NET NET/H NET X X X X	A series Etht thin AnACP t for the followed been ne and step rel u, the latch avices from nonetheless cNC C700 5/GT11 5/GT11 5/GT11 0 IE 2 *11*6 0 X	AJ65BT-C AJ65BT-F ernet with (U specific owing devit wly added lay (S) relay (L) at the interna ss accesses specified.) 0 and C6/ 0 CC-Link (D) *1*3 0 2 4	QnACPU, ations are ces. to the Qn, nd step re il relay (M d when eit /C64 anc /C64 anc	ACPU lay (S)), but thi ther the it to self Etherner *1
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A series Etht thin AnACP t for the follower been ne and step rel u, the latch avices from nonetheles tep relay is to cNC C700 5/GT11 onfigurati EC CC-Linkt C L 2 *1*6 C X inal cannot l	AJ65BT-C AJ65BT-F ernet with (U specific owing devic wily added lay (S) relay (L) and the interna ss accesses specified.) 0 and C6/ 0 and 0 and 0 an	QnACPU, ations are ces. to the Qn. nd step re al relay (M) d when eit (C64 and (Via G4)	ACPU lay (S)), but thi ther the it to self Etherner *1
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T11/GT10 RS-232 × × × × × × × × × × × × ×	MELSEC-Q series (Q mod *1 : GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71Q A1SJ71QE71N-B2 A1SJ71C A1SJ71QE71N-B5T A1SJ71E71N-T A1SJ71E A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E71N-B5T 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271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B2-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B	QJ61BT11 QJ61BT11 QJ61BT11N master station. #1 : When using an <i>J</i> device ranges w supported excep • Devices that he • Latch relay (L) (In the GnACP are separate d internal relay is latch relay or s • File register (R nonitor Mitsubishi Connection c muter MELSEC MELS MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSE	A series Etht thin AnACP t for the followed been ne and step rel y, the latch avices from nonetheless cNC C700 5/GT11 0 IE CNC C700 5/GT11 0 IE 2 *11*6 0 X inal cannot I f a multi-CF	AJ65BT-C AJ65BT-F ernet with (U specific owing devic wily added lay (S) relay (L) at the interna ss accesses specified.) 0 and C6/ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	QnACPU, ations are ces. to the Qn, nd step re al relay (M d when eit /C64 anc	ACPU lay (S)), but th ther the ther the there the the the the the the the the the the the the the the the the the the the the the
relay (S) are separate device internal relay (M), but the int nonetheless accessed when relay or step relay is specific For Ethernet conne CPU series ELSEC-Q series (Q mode ELSEC-Q series (Q mode ELSEC-Q series (A mode ELSEC-Q series (A mode ELSEC-A series otion controller CPU (A se Nodel nam REQROL-500/S500E REQROL-5500/S500E REQROL-5500/ REQROL-5500 REQROL-5500 REQROL-5500 REQROL-5500 REQROL-5500 REQROL-5500 REQROL-5500 REQROL-7500 REQROL-7500 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 REQROL-700 R	emai relay is neither the latch ad.) *7 : *Ction QJ71E71-100 QJ71E71-100 AJ71QE71N-8 AJ71QE71N-8 AJ71QE71N-8 AJ71E71N-82 Can be used to set pa Can be used to set pa	available on AnACPU. (used.) QJ71E71-B5 AJ71QE71N-T SAJ71QE71N-T5 AJ71QE71N-T5 AJ71QE71N-T5 AJ71E71N-T5 AJ71E71N-T5 AJ71E71N-T5 AJ71E71N-T5 AJ71E71N-T5 AJ71E71N-T5 AJ71E71N-T5 AJ71E71N-T6 AJ71E71N-T6 <tr< td=""><td>the range of devices (R devices cannot be QJ71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 ralarms.</td><td>MELSEC-Q series (Q mod *11: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71E71N-T A1SJ71E71N-T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E7 A1SJ71E71N-B5T A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 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271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B3-S3 271-B</td><td>QJ61BT11 QJ61BT11 QJ61BT11N master station. #1 : When using an <i>J</i> device ranges w supported excep • Devices that he • Latch relay (L) (In the GnACP are separate d internal relay is latch relay or s • File register (R nonitor Mitsubishi Connection c muter MELSEC MELS MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSEC MELSE</td><td>A series Etht thin AnACP t for the followed been ne and step rel y, the latch avices from nonetheless cNC C700 5/GT11 0 IE CNC C700 5/GT11 0 IE 2 *11*6 0 X inal cannot I f a multi-CF</td><td>AJ65BT-C AJ65BT-F ernet with (U specific owing devic wily added lay (S) relay (L) at the interna ss accesses specified.) 0 and C6/ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>QnACPU, ations are ces. to the Qn, nd step re al relay (M d when eit /C64 anc</td><td>ACPU lay (S)), but th ther the there the the the the the the the the the the the the the the the the the the the the the</td></tr<>	the range of devices (R devices cannot be QJ71E71-B2 AJ710E71-B5 T A1SJ710E71N3-T A1SJ710E71N-B5 A1SJ71E71N-B5 A1SJ71E71N-B2 ralarms.	MELSEC-Q series (Q mod *11: GT11 and GT10 can mor QJ71E71 A1SJ71QE71N-B2 A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71QE71N-T A1SJ71E71N-T A1SJ71E71N-T A1SJ71E71N-B5T A1SJ71E71N-B5T A1SJ71E7 A1SJ71E71N-B5T A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 A1SJ71E7 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				GII)/GT15/0	al 11			
			C	onnecti	on conf	iguratio	on		
Controller name	Bus connection	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

*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

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For Initial Adjustmen

I Startup & nt Operator

For Maintenance Personnel

GT10

Handy GOT

GT SoftGOT1000 Version2

iQ Platform

MELSEC Process (+ GOT1000

List of Con Models

List of connectable models

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

			0	T16/G	T15/G	[11/GT1	0				G	GT16/G	T15 <u>/G</u> T	'11/ <u>GT</u> '	10
Mar	nufacturer	Model name		k connection		t connection	Ethernet	Manuf	acturer	Model name	Computer lin	nk connection	CPU direct	t connection	n Et
			RS-422	RS-232	RS-422	RS-232	connection *9				RS-422	RS-232	RS-422	RS-232	2 con
		CPM1A				×				TC3-01					
	SYSMAC CPM	CPM1	- ×					TOSHIBA		TC3-02	_				
		CPM2A				0		MACHINE	TCmini series	TC5-20	×	×	×	0	
		CPM2C				×				TC6-00	_				
	SYSMAC CQM1H									TC8-00					
		CJ1H	-			0				H-302 (CPU2-03H)					
	SYSMAC CJ1	CJ1G	4			_				H-702 (CPU2-07H)	_				
		CJ1M	-		×					H-1002 (CPU2-10H)	-				
	SYSMAC CP1	CP1H	-			×			Large-sized H	H-2002 (CPU-20H)	0*3	0*3	×	0	
		CP1L	- 0				-		series	H-4010 (CPU3-40H)	-				
	010140	C200HX	-			0				H-300 (CPU-03Ha)	-				
IRON	SYSMAC α	C200HG C200HE	-			×	×			H-700 (CPU-07Ha) H-2000 (CPU-20Ha)	-				
INUN		CS1H	-			<u> </u>				H-200 (CPU-02H, CPE-02H)		<u> </u>			+
	SYSMAC CS1	CS1G	-							H-250 (CPU21-02H)	-				
		CS1D	-						H-200 to 252	H-252 (CPU22-02H)	-				
		CV500				0			series	H-252B (CPU22-02HB)	- ×	×	×	0	
	SYSMAC	CV1000	-					Hitachi		H-252C (CPU22-02HC)	-				
	CVM1/CV	CV2000	1 ×	×				Industrial		H-252C (CPE22-02HC)	-				
		CVM1	- ``					Equipment		H-20DR	-	-			+
		CQM1	1		<u> </u>	()*2	1	Systems		H-28DR	1				
		C200HS			1		1	*1		H-40DR	1				
		C200H	1 _		×					H-64DR	1				
		C1000H	- 0	0		×			H series	H-20DT	1		<u>.</u>		
		C2000H	1						board type	H-28DT	- ×	×	×	0	
		KV-700								H-40DT	-				
		KV-1000	1			0				H-64DT	1				
YENCE	E	KV-3000	-	0	×		×			HL-40DR	1				
		KV-5000	1			×	1			HL-64DR	1				
		SU-5E								EH-CPU104					
	KOSTAC SU	SU-6B								EH-CPU208					
	series	SU-5M	- 0	0		0	×		EH-150 series	EH-CPU308	- ×	×	X	0	
		SU-6M	1							EH-CPU316					
	PZ series	PZ3	×	×	0	0	×		0.101/	LQP510			0		
	Directl OOIO	D2-240			×				S10V	LQP520					
	DirectLOGIC	D2-250-1		0	0	0	×			LQP800	1				
	205 series	D2-260						Hitachi		LQP000	0	0	×	×	
		D0-05AA						*1	S10mini	LQP010					
		D0-05AD								LQP011					
		D0-05AR								LQP120					
C	DirectLOGIC	D0-05DA	0	0	×	0	×			F55					
TRONICS	05 series	D0-05DD				0		Fuji Electric FA		F70					
ISTRIES		D0-05DD-D						Components	MICREX-F	F120S	0	0	×	×	
		D0-05DR						& Systems		F140S					
		D0-05DR-D						*1		F15_S		<u> </u>			
		D0-06DD1	_							FP0-C16CT	_				
		D0-06DD2	_							FP0-C32CT	×	×	×	0	
		D0-06DR	-							FP1-C24C	-			_	
	DirectLOGIC	D0-06DA	-							FP1-C40C					
	06 series	D0-06AR	0			0	×			FP2	-				
		D0-06AA	-							FP2SH	-				
		D0-06DD1-D	-					Matsushita Ele	ectric Works	FP3	×	0	×	0	
		D0-06DD2-D	-							FP5	-				
		D0-06DR-D JW-21CU	+				<u> </u>			FP10 (S)	-				
		JW-21CU JW-31CUH		×	×	×				FP10SH FP-M (C20TC)	+	t	<u> </u>	<u> </u>	+
		JW-50CUH	ΗŬ							FP-M (C20TC)	×	×			
		JW-22CU	1			1	1			FP-M (C321C) FP-Σ	\uparrow		×	0	
		JW-32CUH	1							FP-X	0	0	1		
ARP		JW-32CUH	1			-	×			GL120	+		<u> </u>		+
		JW-70CUH	-	×		()*3				GL130	1	×		0	
		JW-100CUH	1							GL60S	0	<u> </u>	×		
		JW-100CU	1							GL60H	1 ~	0		×	
		Z-512J	×	×		()*3	1			GL70H	1				
		TIC-6088				Ĩ	<u> </u>			CP-9200SH	+	0	<u> </u>	×	+
		PC3JG TIC-6125	-	○*4	×	○*4				CP-9300MS	- ×	×		<u> </u>	+
		TIC-5339	-		~		1	YASKAWA EI	ectric *10	MP920	0	0	×		
		PC3J TIC-5783	- 0	○*4		○*4				MP930	1	<u> </u>		_	
	TOYOPUC	THC-5070				1	1			MP940	1		0	0	
EKT	series	THC-5169	1			()*4	×			PROGIC-8	×	×	<u> </u>	1	
		THC-5173	1 _		×	1 ×				CP-9200 (H)	1				
		PC2J THC-2764	- 0	○*4			1			CP-312	1		×	<u> </u>	+
			-	1						MP2200	+	<u> </u>	1		
		THC-2994									1.0				
		THC-2994 THC-5053	-			×					0	0		×	
		THC-5053	-		0					MP2300	0	0		^	
		THC-5053 T2 (PU224)	-		0	×					0	0		^	
	PROSEC T series	THC-5053	- - - ×	×							0	0			

				GT16/G			
Ma	nufacturer	Model name		nk connection		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	-		×		
Electric		F3SP35					
*1		F3SP28	-				0
		F3SP38 F3SP53	-			0	
		F3SP58	-				
		F3SP59	-				
		F3SP66					
		F3SP67	$+ \times$	×			
		NFCP100	.				_
	STARDOM	NFJT100	- ×	×	×	0	0*
		SLC500-20					
		SLC500-30	1				
		SLC500-40	1			()*1	
	SLC500 series *5	SLC5/01] × [×	×		×
	SLC300 series	SLC5/02					
		SLC5/03	1				
		SLC5/04	_			0	
		SLC5/05					
		1761-L10BWA	4				
		1761-L10BWB	-				
		1761-L16AWA	-				
		1761-L16BWA	-				
	MicroLogix 1000 series	1761-L16BWB	-				
	(digital CPU)	1761-L16BBB 1761-L32AWA	-				
	*5	1761-L32BWA	-				
		1761-L32BWB	$+ \times$	×	×		X
		1761-L32BBB	1				
		1761-L32AAA	1				
		1761-L20AWA-5A	1				
	MicroLogix 1000 series	1761-L20BWA-5A	1				
Allen-Bradley	(analog CPU)*5 *6 *7	1761-L20BWB-5A	1				
(Rockwell	MicroLogix 1200 series *5	1762-L24BWA	1				
Automation, Inc)	MicroLogix 1500 series *5	1764-LSP					
110)		1756-L					
		1756-L1M1	_				
		1756-L1M2	-				
		1756-L1M3	4				
		1756-L61	-				
		1756-L62	-				
	ControlLogix series	1756-L63	- ×	×	×	()*1	0
		1756-L55M12	-				
		1756-L55M13 1756-L55M14	-				
			-				
		1756-L55M16 1756-L55M22	-				
		1756-L55M23	-				
		1756-L55M24	-				
		1756-L55M24 1769-L31					X
		1769-L32E	1				
	CompactLogix series	1769-L32C	+ ×	×	×	()*1	×
		1769-L35E	1				0
		1769-L35E 1769-L35CR					×
			+				
	FlexLogix series	1794-L33	- ×	×	×	() *1	×

model 3000 (S3)

V series

model 2000 (S2) model 2000 (S2T)

×

× 0 ×

Manufactur	or	Model name				11/GT1	
		wodel name		k connection		connection	Ethernet connectior
		IC693CPU311	RS-422	RS-232	RS-422	RS-232	*9
		IC693CPU311 IC693CPU313	+		×	×	
		IC693CPU323	1				
		IC693CPU350	1				1
Series	90-30	IC693CPU360	10	0			×
		IC693CPU363	1				
		IC693CPU366	1		0	0	
		IC693CPU367	1				
		IC693CPU374					
		IC697CPU731					
		IC697CPX772					
		IC697CPX782					
		IC697CPX928	4				
		IC697CPX935	4				
Series	90-70	IC697CPU780		0	×	×	×
		IC697CGR772	-				
		IC697CGR935 IC697CPU788	-				
		IC697CPU789	-				
		IC697CP0789	+				
Fanuc		IC200UAA003	0	0	0		
mation		IC200UAR014	+			1	
oration		IC200UDD104	1				
		IC200UDD112	1				
		IC200UDR001	1		×		
		IC200UDR002	1				
		IC200UDR003]				
		IC200UAL004	1				
		IC200UAL005					
		IC200UAL006	X	×			
VerseM	ax Micro	IC200UAA007	4			0	×
- Groaw		IC200UAR028	4				
		IC200UDD110	4				
		IC200UDD120	4		0		
		IC200UDD212	-				
		IC200UDR005	-				
		IC200UDR006 IC200UDR010	-				
		IC200UDD064	-				
		IC200UDD164	-				
		IC200UDR164	-	0			
		IC200UDR064	1				
K300S		K4P-15S	-				
lustrial K200S		K3P-07 S	1			X	
ms K120S		K7M-D			×	0	×
K80S		K7M-DS (/DC)					
		TSX P57 203M					
Modico	n	TSX P57 253M	4				
Premiu	m	TSX P57 303M	-			×	
		TSX P57 353M	-				
		TSX P57 453M	-				
		140 CPU 311 10 140 CPU 434 12U	-				
eider		140 CPU 534 120	$+$ \times	×	×		
ric SA		140 CPU 534 140	+ $$				() *11
Modico	n	140 CPU 651 50 140 CPU 651 60	-				
Quantu		140 CPU 671 60	-				
Luu nu		140 CPU 113 02	1				
		140 CPU 113 03	1				
		140 CPU 434 12A	1				
		140 CPU 534 14A	1				
		SIMATIC S7-200 series					
ens AG		SIMATIC S7-300 series] × [×	×		×
		SIMATIC S7-300 series SIMATIC S7-400 series	×	×	ιX	$- \cup$	I X

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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-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 Co
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	
& Systems	interface capsule			
& Systems	General interface	NC1L-RS4 FFU120B	NC1L-RS2 FFU120B	
	module			
		AFPX-COM3	AFP2462 AFP3462	
Matsushita E	Electric Works		AFP5462	
Computer co	mmunication unit		AFPX-COM1	
			AFPX-COM2 AFPX-COM4	
		JAMSC-120NOM27100	JAMSC-IF60	218IF
YASKAWA B	The set of set	JAMSC-IF612	JAMSC-IF61	218IF-01
MEMOBUS		217IF	CP-217IF	
communicati		217IF-01	217IF 217IF-01	
oommunicati			217IF-01 218IF-01	
		LC02-0N	LC01-0N	F3LE01-5T
Yokogawa E	lectric	F3LC11-2N	LC02-0N	F3LE11-0T
	nputer link module/		F3LC01-1N F3LC11-1N	F3LE12-0T
	rface module		F3LC11-1F	
			F3LC12-1F	
	Rockwell Automation, Inc.)	_	_	1756-ENBT
	mmunication module			
	tomation Corporation	IC693CMM311 IC697CMM711	IC693CMM311 IC697CMM711	
Communicat				
LS Industrial	Cnet communication unit	G7L-CUEC	G7L-CUEB	
Systems	Cnet communication		G6L-CUEB	1 —
	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 NOE 771 10
		1	l	

				16/GT15/GT	44				-01	16/GT15/GT	
Mai	nufacturer	Model name	RS-485	RS-422	RS-232	A Manufacturer		Model name	RS-485	RS-422	RS-232
_	1	E5AN	N3-405	n3-422	n3-232		1	UT320	N3-403	n3-422	n3-232
		E5EN	-					UT321	-		
OMRON	Thermac NEO	E5CN	(2-wire type) *1	×	() *2			UT350	-		
ownion		E5GN		~	0			UT351	-		
	In-Panel NEO	E5ZN	-					UT420	-		
	ACS-13A series	ACS-13A, C5	5					UT450	-		
	DCL-33A series	DCL-33A- /M, , C5						UT520	1		
	202 00/ 00/100	JCS-33A-	1					UT550	1		
	JC series	JCR-33A-	O(2-wire type) *1		○* 2			UT551			
		JCD-33A- / , C5	-				GREEN series	UT750	(2-wire type *1		
	JCM-33A series	JCM-33A- /_, C5	-					UP350	/4-wire type)		
		FCR-13A/M, C						UP351	,	×	
		FCR-13A- /M, C5	1					UP550			
	FCR-100 series	FCR-15A/M, C	1			Yokogawa		UP750	-		0*
		FCR-15A/M, C5	1					UM330			
		FCD-13A/M, C	1					UM331			
Shinko	500 100 .	FCD-13A/M, C5	1 × 1	×				UM350	1		
Fechnos	FCD-100 series	FCD-15A- /M, C	1					UM351	1		
		FCD-15A- /M, C5	1		0.00			US1000	1		
	500.004	FCR-23A/M, C	1		○*4			UT130			
	FCR-23A series	FCR-23A/M, C5	1					UT150			
		PC935/M, C	1				UT100 series	UT152	(2-wire type) *1		
	DC 000 series	PC935/M, C5	○(2-wire type) *1					UT155			
	PC-900 series	PC955/M, C	×					UP150			
		PC955/M, C5	(2-wire type) *1				UT2400	(4-wire type)			
	PCD-300 series	PCD-33A/M, C5	(2-wire type)				UT2000 series	UT2800			
	FIR series	FIR-201-M, C	×				SR Mini HG series	H-PCP-J	(2-wire type) *1	0	0
		FIR-201-M, C5					SR MIN HG series	H-PCP-A, H-PCP-B	×		-
	JIR-301-M series	JIR-301-M_, C5	O(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			
	DZ1000 series	DZ1000 *7		0	0.00		communication	CB500	(2-wire type) *1	\times	0*
CHINO	DZ2000 series	DZ2000 *7	O(2-wire type) *1				specification)	CB700	- 1		
	LT230 series	LT230					. ,	CB900			
	LT830 series	LT830		×	○*2		by GT16 and GT15 on				
	GT120 series	GT120						or GT15-RS4-TE. GT-1		plicable.	
Fuji Electric	Micro	PXR PXR3/4/5/9			0.10			5-RS4-9S is not applicab			
Systems	Controller X	PXG PXG4/5/9	O(2-wire type) *1	×	○* 2			ating controller is designe	ed for RS-485, use	the RS-232/RS	S-485 conv
•		PXH PXH9					y the manufacturer.				
		SDC20/21						ating controller is designe	ed for RS-422, use	the RS-232/RS	5-422 conv
		SDC30/31	○(4-wire type)				y the manufacturer.				
YAMATAKE	SDC	SDC40A/40B/40G		~	~ *			5-232 serial communicati	on function can be	connected.	
TAMATAKE		SDC15	-	×	○*2		munication extension m	. ,			
		SDC25/26	(2-wire type) *1			*6 : Use a communication extension module (Z-COM) depending on the temperature controller system configural *7 : Select a model name that supports the MODBUS [®] communication function.					
	DMC	SDC35/36	,			*/ : Select a m	iouei name that support		inication function.		

ending on the temperature controller system configuration *7 : Select a model name that supports the MODBUS® communication function.

Specifications

GT16

General specifications

	-								
Iter	n			Speci	fication				
Operating ambient	Display			0°C t	o 50°C				
temperature*1	Other than display			0°C t	o 55°C				
Storage ambien	t temperature			-20°C	to 60°C				
Operating ambient humidity		10 to 90%RH, no condensation							
Storage ambien	t humidity			10 to 90%RH,	no condensation	l I			
				Frequency	Acceleration	Hal			
Vibration resistance		Conforming to JIS B 3502 and IEC 61131-2	vibration	5 to 9Hz	-				
				9 to 150Hz	9.8m/s ²				
				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	2000m or less							
Installation location	tion			In cont	rol panel				
Overvoltage cat	egory *3			Пο	rlower				
Contamination I	evel*4	2 or less							
Cooling method				Self-	cooling				
Grounding		T	ype D grounding (1	00Ω or less).	Connect to pane	l if ur			

Performance specifications

CIIC	Jimance	specifications		rower 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		Input power supply voltage		C (+10%, -15%)	24VDC (+2	25%, -20%)
	Screen size	15"	12.1"	Input frequency	50/60H		-	-
	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
isplay	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
1	Display colors	65,536		Inrush current		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°		(4ms, at r	nax. load)	(75ms, at max. load)	(40ms, at max. loa
	Intensity	450 [cd/m ²]	470 [cd/m ²]	Permissible instantaneous	Within 20ms (100VAC or more)			10ms
	Intensity adjustment	8-step ac		failure time				
	Life	Approx. 52 operating ambient)		Noise resistance				p-p, noise width 1µ: bise frequency 25 to 60
		Cold-cathode fluorescent tube (replaceab	e), with backlight OFF detection function.	Withstand voltage		minute between		ninute between
Backligh	t	Backlight off time and scr		withstand voltage	power supply terminal and ground power supply terminal and groun			
	Life ^{*3}	Approx. 50,000 (Time for display intensity reaches 50% a	t operating ambient temperature of 25°C)	Insulation resistance		DC between power	nsulation 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	Is for M3 screw RAV	/1.25-3, V2-S3.3, V2	-N3A, FV2-N3A
anel	No. of simultaneous touch points	Simultaneous touch pro		Tightening torque (terminal		0.5 to 0).8 [N·m]	
	Life	1,000,000 times or more (op		block's terminal screws)				
	Detection distance	1[
luman	Detection range	Right/left/up		Comp	onent nar	nes		
ensor	Detection delay time	0 to 4						
	Detection temperature		e between human body and ambient air	GT1695/GT1685				
/lemory	C drive	15MB built-in (for saving proje			switch			IODE S installation switch
:5	Life (No. of writings)	100,00						card interface
	(GT15-BAT type		Extension unit in	terface			ttery holder
Battery	Backed up data	Clock data, maintenance time not		Video/RGB in	torfood	7 7	Da	litery fiolder
-	Life	Approx. 5 years (operating a		Optional fu	Щ.			
	RS-232	RS-23 Transmission speed: 115200/576 Connector shape: Application: Communicatio connection to pe (project data upload/download, OS i	board in Human sensor -			CF Dip ten	card access LED card access switch witch for setting minal resistance side cover)	
Built-in	RS-422/485 Ethernet	RS-422// Transmission speed: 115200/57 Connector shape Application: Communicatit Data transfer system Connector shape: R Application: Communication with co	POWER LED - USB interface -		-	Dis	play, touch key	
nterface		connection to pe (project data upload/download, OS USB (full-speed 1 Connector sh	installation, MES interface function) 2Mbps), host 1ch	(device) USB interface – (host)				-422/485 interface
	USB	Application: Data tr USB (full-speed 12 Connecter shap	ansfer and storage Mbps), device 1ch	RS-232 interface - Ethernet interface -			Pov	wer supply termina
		Application: Connection (project data upload/download, OS i Compact flash slot, 1ch, C	n to personal computer nstallation, FA transparent function)				to be lit) generally appe ible to reduce appearar	
	CF card	Application: Data transfer,		Flickering may occur	r depending on the disp			
	Optional function board	1ch for optional funct	ion board installation		ce of bright and black cts are defective or dar		acteristic of LCD screer	is, and it does not
	Extension unit	2ch for communication un	it/optional unit installation				ithin the indicated view	angles, the screen
uzzer o		Single tone (tone	length adjustable)	display may not be c	lear enough depending	g on the display color.		
rotectiv	e construction	JEM1030 Front: IP6		*3 : Using the GOT scree *4 : An analog resistive t				
without	dimensions USB port cover)	$397(W) \times 296(H) \times 61(D)[mm]$	$316(W) \times 242(H) \times 52(D)[mm]$		e of the 2 points then th		ed. Therefore, avoid to	
	t dimensions	383.5(W) × 282.5(H)[mm]	302(W) × 228(H)[mm]	*5 : The memory is a RC	M that permits overwri			
<u> </u>	cl. mounting brackets)	5.0[kg]	2.7[kg]				nly the portion marked	
pplicable oftware	Screen design software	GT Designer2 Ver	sion 2.90U or later		The USB interface conf er, this does not guarar		0) when a USB cable o	r a USB memory is
ackages	Simulation software	GT Simulator2 Ver	sion 2.90U or later		used in an environmen		o splashing oil or chemi	cals for a long time

DMC

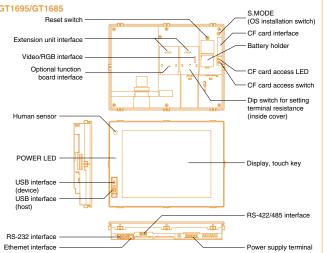
DMC10

	· · · · · · · · · · · · · · · · · · ·
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/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT15J/GT1

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



it is soaked with oil mist.

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	Ince*3	and 3502	vibration	9 to 150Hz	9.8m/s ²	-	each of X, Y and Z directions		
		IEC 61131-2	Under continuous vibration	5 to 9Hz	-	1.75mm			
				9 to 150Hz	4.9m/s ²	-			
Impact resistant	ce	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 corrosive gas					
Operating altitud	de <mark>*4</mark>			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-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

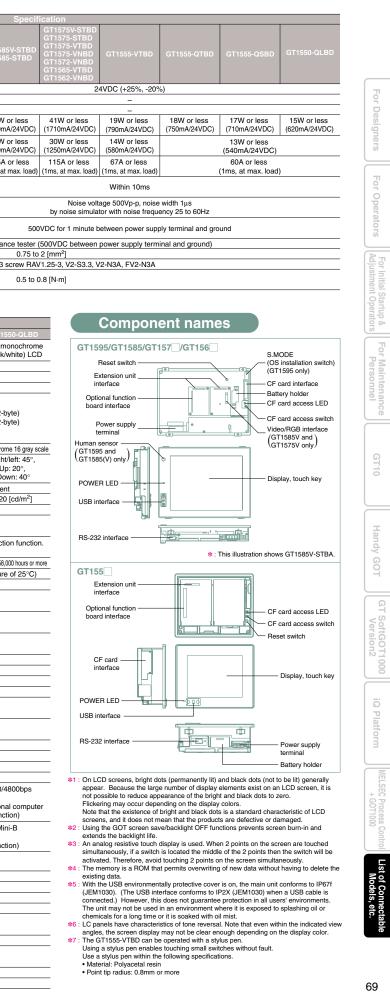
		•			Specif	ication						
	Item	GT1595-XTBA GT1595-XTBD	GT1585V-STBA GT1585V-STBD GT1585-STBA GT1585-STBD	GT1575V-STBA GT1575V-STBD GT1575-STBA GT1575-STBD	GT1575-VTBA GT1575-VTBD	GT1575-VNBA GT1575-VNBD	GT1572-VNBA GT1572-VNBD	GT1565-VTBA GT1565-VTBD	GT1562-VNBA GT1562-VNBD			
	Туре	TFT	color LCD (high-bright	ness, 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 stan 50 chars. × 37 12-dot stan 66 chars. × 50	lines (2-byte) dard font:			and font: 40 chars. \times 30 and 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∷ Dowr	30°,	Right/left: 65°, Up: 50°, Down: 60°	Right/left: 45°, Up: 20°, Down: 20°			
	Contrast adjustment		3 · · · · · · · · · · · · · · · · · · ·		-	-						
	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/m²]	380 [cd/m ²]	150 [cd/m ²]			
	Intensity adjustment		8-step ad	justment	1	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 ng ambient temperatur	e: 25°C)				
Backligh	t		Cold-cathode fluoresce	nt 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	Approx. 50,000 hours or more Approx. 40,000 hours or more									
	Lile		(Time for display intensity reaches 50% at operating ambient temperature of 25℃)									
	Туре	Analog resistive type Matrix resistive type										
	No. of touch keys	-	1900 keys/screen (38	lines $ imes$ 50 columns)		1200 keys	/screen (30 lines $ imes$ 40	columns)				
Touch panel	Key size	Min. 2 × 2 [dots] (per key)	Min. 16 \times (per key) (16 \times 8 only				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	³ 1 [m] –										
Human	Detection range	Right/left/u	o/down: 70°		-							
sensor	Detection delay time	0 to 4	[sec]				-					
	Detection temperature	Temperature differen between human bo	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)				100,00							
					GT15-BAT type lithiu							
Battery	Backed up data				ock data and maintena							
	Life RS-232	Application	Communication with c	RS-232, 1ch, Tr	ox. 5 years (operating a ansmission speed: 115 Connector shape: anection to personal co	200/57600/38400/192 D-sub 9-pin (male)	00/9600/4800bps,	stallation, FA transpare	ent function)			
Built-in interface	USB		Application: Co	onnection to personal	USB (full-speed 12 Connector shap computer (project data		installation. FA transp	arent function)				
	CF card				nector shape: TYPE I,							
	Optional function board			,,,		tion board installation	, ,					
	Extension unit			2cl	h for communication ur		tion					
Buzzer o					Single tone (tone							
Protectiv	e construction				JEM1030 Front: IP6	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	l) × 52(D) [mm]			
Panel cu	t 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		I		GT Designer2 Ver	sion 2.90U or later		1				
software packages	Simulation software				GT Simulator2 Ver							

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-
In	put power supply voltage	100 te				
Ir	put frequency					
In	Input maximum apparent power 110VA (at max. load)					
Ρ	ower 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/
Ir	rush 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
	ermissible instantaneous ilure time	Within	20ms (100VAC or	more)		
N	oise resistance		age 1500Vp-p, noise tor with noise freque			
v	/ithstand voltage		500VAC for 1 minut wer supply terminal	-		
Ir	sulation resistance			10MΩ or highe	r with an insulation	resistance
A	pplicable wire size					
С	lamp terminal				Clamp terminals	for M3 sc
	ghtening torque (terminal ock's terminal screws)					

Performance specifications

		ooomoanomo	• • • •					
		GT1555-VTBD	Specif GT1555-QTBD	CT1555-OSBD	GT1			
	Туре	TFT co	or LCD	STN color LCD	STN m			
	Screen size	(high-brightness, w	fide viewing angle) 5.	7"	(black/			
	Resolution	VOA: 040 400 [slata]			-1			
		VGA: 640 × 480 [dots]		QVGA: 320 × 240 [dots	5]			
	Display size		115(W)×8	36(H) [mm]				
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)		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 Uj Do			
	Contrast adjustment	-		16-step	adjustmer			
	Intensity	350 [cd/m ²]	400 [cd/m ²]	380 [cd/m ²]	220			
	Intensity adjustment	000 [00/111]		djustment	220			
	intensity aujustment							
	Life		(operating ambient	,000 hours temperature: 25°C)				
Backligh	nt	Ba	cent tube (not replaces cklight off time and scr	een save time can be				
	Life*2	App	rox. 75,000 hours or m	nore	Approx. 58,			
	LIIG	(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)						
Touch	Key size		Min. 16 ×	16 [dots] key)				
panel *7	No. of simultaneous			points				
	touch points			•				
	Life	1,000	,000 times or more (or	perating force 0.98N o	r less)			
	Detection distance			-				
Liveran	Detection range	-						
Human sensor	Detection delay time			-				
3611301	Detection temperature	-						
Memory	C drive	9MB built-in flash memory (for saving project data and OS)						
34	Life (No. of writings)		100,00	0 times				
		GT15-BAT type lithium battery (optional)						
Battery	Backed up data	Clo	ock data and maintena		ata			
,	Life							
		Approx. 5 years (operating ambient temperature: 25°C) RS-232, 1ch, Transmission speed: 115200/57600/38400/19200/9600/						
	RS-232	Application: Commu	Connector shape: nication with connecte	D-sub 9-pin (male) d devices, connection	to persona			
		(project data upload/download, OS installation, FA transparent func						
Built-in interface	USB		ed 12Mbps), device 1 Application: Connectio upload/download, OS	n to personal compute	r			
	CF card	Co	mpact flash slot, 1ch,	Connector shape: TY	PE I			
	Optional function board	Арр	blication: Data transfer,		anup			
				tion board installation	41 m m			
-	Extension unit	1cr	for communication ur		uon			
Buzzer c				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)			[kg]				
Applicable	Screen design software		GT Designer? Ver	sion 2.90U or later				
software	Simulation software		-	sion 2.900 or later				
packages	omulation sonware	1		51511 2.300 01 latel				



Specifications

GT11 GT10

General specifications

Iten	Item		Specification						
Operating ambient	Display			0°C to	50°C ^{≉5}				
temperature	Other than display	0°C to 55°C (horizontal installation), 0°C to 50°C (vertical installation) [∞]							
Storage ambient	temperature	-20°C to 60°C							
Operating ambier	Operating ambient humidity*1		10 to 90%RH, no condensation						
Storage ambient	humidity*1	10 to 90%RH, no condensation							
				Frequency	Acceleration	Half amplitude	Sweep count		
		+0 IIC D 2500	Under intermittent	5 to 9Hz	-	3.5mm	10 times in		
Vibration resistan	Vibration resistance		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	n			In contro	l panel <mark>*</mark> 6				
Overvoltage categories	gory *3			∏ or I	ower				
Contamination lev	/el ^{*4}	2 or less							
Cooling method		Self-cooling							
Grounding Type D grounding (100Ω or less). Connect to panel if unable to ground.*7					\$7				

Performance specifications

	nance spec				Specif	ication			
	Item	GT1155-QTBD	GT1155-QSBD	GT1150-QLBD	GT1155HS-QSBD	GT1150HS-QLBD	GT1155-QTBDQ GT1155-QTBDA	GT1155-QSBDQ GT1155-QSBDA	GT1150-QLBDQ GT1150-QLBDA
	Туре	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
	Screen size				5.	7"			
	Resolution				QVGA: 320				
	Display size	115(W) × 86((H) [mm] (in horizontal	display mode)	115(W) × 8	36(H) [mm]	115(W) × 86(H) [mm] (in horizontal	display mode)
	No. of displayed characters		16-dot standard font	: 20 chars. × 15 lines (2	2-byte) 12-dot standa	ard font: 26 chars. × 20) lines (2-byte) (in hor	izontal display mode)	
	Display colors	256	colors	Monochrome (black/white) 16 gray scale	256 colors	Monochrome (black/white) 16 gray scale	256 0	colors	Monochrome (black/whit 16 gray scale
Display*1	View 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)
	Contrast adjustment	-		16-step a	djustment		-	16-step a	djustment
	Intensity	400 [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]	• 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]
	Intensity adjustment				8-step ac	•			
	Life		lal antiba da 10		50,000 hours (operatir	•			
Backlight			ld-cathode fluorescent 0 hours or more	tube (not replaceable)), with backlight OFF d Approx. 75,000 hours or more			een save time can be) hours or more	set. Approx. 54.000 hours or mo
Subilight	Life*2	Approx. 75,000	o nouis or more		tensity reaches 50% a			nours of more	Approx. 54,000 nours or mo
	Туре			(Time for display in	Matrix res				
	No. of touch keys			300 keys	s/screen (matrix consis		olumns)		
Fourth manual	Key size				Min. 16 × 16 [
louch panel	No. of simultaneous touch points				Max. 2				
	Life			1,000	,000 times or more (or	perating force 0.98N o	r less)		
	C drive*3			3MB bu	ilt-in flash memory (fo		ind OS)		
Memory	Life (No. of writings)				100,000				
	D drive				512KB built-in SRA	· · · · · · · · · · · · · · · · · · ·			
Dottory	Dealed up date				GT11-50BAT typ				
Battery	Backed up data Life			Δρογ	Clock data, alarm his ox. 5 years (operating a		25°C)		
	Bus				or of years (operating a		1ch for QCPU (Q r 1ch for QnA/A	mode)/motion controlle CPU/motion controller tion: For bus connection	CPU (A series)
	RS-422	Connec	RS-422, 1ch, : 115200/57600/38400/ ctor shape: D-sub 9-pin ommunication with con	(female)	-	-		-	
Built-in nterface	RS-422/232		-		Transmission s 57600/38400/192 Connector shape: Rou Application: Communication	and type, 32-pin (male) on with connected devices		-	
			RS-232, 1ch, 115200/57600/38400/ actor shape: D-sub 9-pir ommunication with con	n (male) nected devices,	57600/38400/192 Connector shape: Mi Application: Connection	ni-DIN 9-pin (female)	Conne Application: Conne (project data	RS-232, 1ch, 115200/57600/38400/ ctor shape: D-sub 9-pir ction to barcode reader a upload/download, OS	(male) /personal computer installation,
	RS-232	Application: Conr	nection to personal com Inload, OS installation, FA	nputer transparent function, etc.)	OS installation, FA trai	nsparent function, etc.)	FA	transparent function, e	ic.)
	USB	Application: Conr	nload, OS installation, FA		OS installation, FA trai USB (full-speed 12	nsparent function, etc.) 2Mbps), device 1ch		·	
	USB CF card	Application: Co conr (project data upload/dow	nload, OS installation, FA Application: C	transparent function, etc.) Connection to personal ompact flash slot, 1ch,	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TYP	nsparent function, etc.) 2Mbps), device 1ch upload/download, OS	installation, FA transpa transfer and data stora	arent function)	
	USB CF card Optional function board	Application: Conr	nload, OS installation, FA Application: C	transparent function, etc.) Connection to personal ompact flash slot, 1ch,	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TYP tion board installation	nsparent function, etc.) 2Mbps), device 1ch upload/download, OS E I Application: Data	installation, FA transpa transfer and data stora	arent function)	
	USB CF card Optional function board ut	Application: Co conr (project data upload/dow (Embedded in main unit)	nload, OS installation, FA Application: Ca	transparent function, etc.) Connection to personal ompact flash slot, 1ch, 1ch for optional func	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TYP tion board installation Single tone (tone	nsparent function, etc.) 2Mbps), device 1ch upload/download, OS E I Application: Data length adjustable)	installation, FA transpa transfer and data stora	arent function) Ige Embedded in main uni	i)
Protective co	USB CF card Optional function board ut ponstruction*4	Application: Co conr (project data upload/dow (Embedded in main unit)	nload, OS installation, FA Application: C	transparent function, etc.) Connection to personal ompact flash slot, 1ch, 1ch for optional func	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TYP tion board installation Single tone (tone	nsparent function, etc.) 2Mbps), device 1ch upload/download, OS E I Application: Data	installation, FA transpa transfer and data stora	arent function)	1)
Protective co External dim	USB CF card Optional function board ut onstruction®4 ensions	Application: Co conr (project data upload/dow (Embedded in main unit) JEM103	nload, OS installation, FA Application: Ca	transparent function, etc.) Connection to personal ompact flash slot, 1ch, 1ch for optional func nel: IP2X	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TYP tion board installation Single tone (tone JEM1030	nsparent function, etc.) 2Mbps), device 1ch upload/download, OS E I Application: Data length adjustable)	installation, FA transpa transfer and data store (JEM103	arent function) Ige Embedded in main uni	i) iel: IP2X
Protective co External dim (without USE	USB CF card Optional function board ut onstruction®4 ensions B port cover)	Application: Co conr (project data upload/dow (Embedded in main unit) JEM103	Application: G Application: C C 30 Front: IP67f In pai 4(W) × 135(H) × 56(D) [transparent function, etc.) Connection to personal ompact flash slot, 1ch, 1ch for optional func nel: IP2X imm]	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TYP tion board installation Single tone (tone JEM1030	nsparent function, etc.) 2Mbps), device 1ch upload/download, OS E I Application: Data length adjustable) Front: IP65f	installation, FA transpa transfer and data store (JEM103	arent function) ge Embedded in main uni 30 Front: IP67f In par (W) × 135(H) × 65(D) [i) iel: IP2X mm]
Protective co External dim (without USE Panel cut dir	USB CF card Optional function board ut onstruction®4 ensions B port cover)	Application: CC conr (project data upload/dow (Embedded in main unit) JEM102 164	nload, OS installation, FA Application: (Ca 30 Front: IP67f In pa	transparent function, etc.) Connection to personal pmpact flash slot, 1ch, 1ch for optional func nel: IP2X mm]	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TVP tion board installation Single tone (tone JEM1030 176(W) × 220(F	nsparent function, etc.) Mbps), device 1ch upload/download, OS E I Application: Data length adjustable) Front: IP65f H) × 93(D) [mm] -	installation, FA transpa transfer and data stora (JEM103 167	arent function) ige Embedded in main uni 60 Front: IP67f In par	i) kel: IP2X mm]
Buzzer outpu Protective cc External dim (without USE Panel cut dir Weight Applicable software	USB CF card Optional function board ut onstruction®4 ensions B port cover)	Application: CC conr (project data upload/dow (Embedded in main unit) JEM102 164	Moad, OS installation, FA Application: (Co 30 Front: IP67f In par 4(W) × 135(H) × 56(D) [153(W) × 121(H) [mm	transparent function, etc.) Connection to personal pmpact flash slot, 1ch, 1ch for optional func nel: IP2X mm]	OS installation, FA trai USB (full-speed 12 computer (project data Connector shape: TYP tion board installation Single tone (tone JEM1030 176(W) × 220(f 1.0 [kg] (ma	nsparent function, etc.) Mbps), device 1ch upload/download, OS E I Application: Data length adjustable) Front: IP65f H) × 93(D) [mm] -	installation, FA transpa transfer and data stora (JEM103 167	arent function) ige Embedded in main uni 30 Front: IP67f In par (W) × 135(H) × 65(D) [153(W) × 121(H) [mm]	i) hel: IP2X 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.

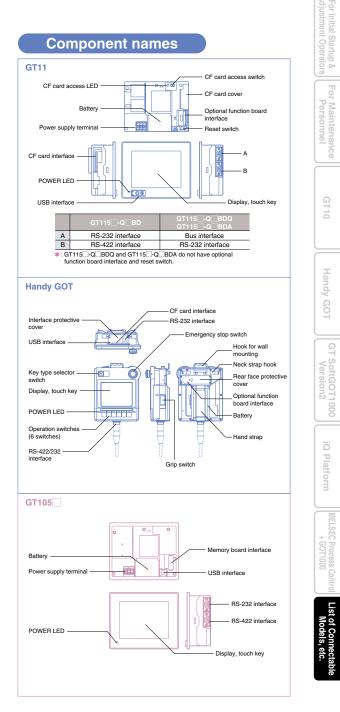
Power supply specifications

				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	180mA/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	ad)	15A or less	(26.4V) 2ms
Permissible instantaneous failure time	Withir	n 5ms		Within 10ms		Withi	n 5ms
Noise resistance	Noise voltage 1000V	p-p, noise width 1µs	Noise	voltage 500Vp-p, noise wid	dth 1μs	Noise voltage 1000	/p-p, noise width 1µs
Noise resistance	by noise simulator with noi	se frequency 30 to 100Hz	by noise sim	nulator with noise frequency	y 25 to 60Hz	by noise simulator with no	ise frequency 30 to 100Hz
Withstand voltage			500VAC for 1 minu	te between power supply te	erminal and ground		
Insulation resistance		10MΩ or high	er with an insulation resis	tance tester (500VDC betw	veen 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 block's terminal screws)				0.5 to 0.8 [N·m]*1			
*1 : Excluding GT115	HS						

Performance specifications

		Specif	
	ltem	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. \times 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	,000 hours t operating ambient temperature of 25°C) e one year
Backlight		Cold-cathode fluorescent tube (not replace Backlight off time and scr	able) with backlight OFF detection function 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 year
	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	ject data (3 MB or less) and OS
wentery	Life (No. of writings)	100,00	0 times
		GT11-50BAT typ	e lithium battery
Battery	Backed up data	Clock data, alarm his	story and recipe data
Balloly	Life		ambient temperature: 25°C) ear after date of manufacture
	RS-422	Transmission speed: 115200/57 Connector shape: D	2, 1ch, 600/38400/19200/9600/4800bps 0-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. mo	unting 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.	

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. #2: Using the GOT screen save/backlight OFF functions prevents screen burn-in and extends the backlight life. #3: The memory is a ROM that permits overwriting of new data without having to delete the existing data. #4: 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

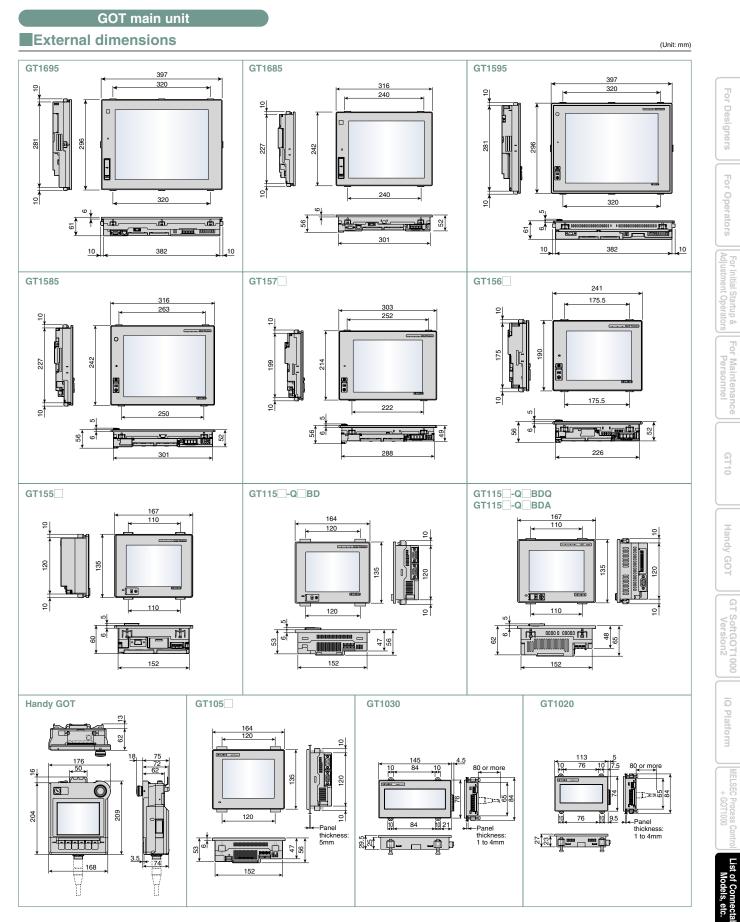
				Spec	ification				•	nent nan	
	tem	GT1030-LWD GT1030-LBD2	GT1030-LBDW GT1030-LWDW GT1030-LBDW2 GT1030-LWDW2	GT1020-LBD GT1020-LWD GT1020-LBD2 GT1020-LWD2	GT1020-LBDW GT1020-LWDW GT1020-LBDW2 GT1020-LWDW2	GT1020-LBL GT1020-LWL GT1020-LBLW GT1020-LBLW		GT1	0 c		Interface for conner with personal comp (RS-232)
Input power	r supply voltage	24VDC ((+10%, -15%), ripp	le voltage of 200	mV or less	5VDC (±5%), supplied from PLC communication cable	-		D		
Input frequ	uency				-		-		[
Input maximu	um apparent power				-		_				0
Power con	nsumption	2.2W or less (9	90mA/24VDC)	1.9W or less	(80mA/24VDC)	1.1W or less (220mA/5VDC)	-				
Wit	th backlight off	1.7W or less (7	70mA/24VDC)	1.2W or less	(50mA/24VDC)	0.6W or less (120mA/5VDC)	-		Display,		
Inrush curr	rent	18A or less (2	6.4DCV) 1ms	13A or less	(26.4DCV) 1ms	-	-		touch key		
Permissible insta	antaneous failure time		Withir	n 5ms		-	-				
Noise resis	istance				Vp-p, noise width 1µ oise frequency 30 to		_		GT1030-LBD	GT1020-LBL	GT1030-LBD2
Withstand	voltage	500VAC for 1	minute between po	ower supply term	inal and ground	-	-		GT1030-LWD GT1030-LBDW	GT1020-LWL GT1020-LBLW	GT1020-LBD2 GT1030-LWD2
Insulation	resistance		or higher with an ir C between power s			-			GT1030-LWDW GT1020-LBD	GT1020-LBLW GT1020-LWLW	GT1020-LWD2 GT1030-LBDV
	Single-wire installation	0.14 to 1.5mr			0.14 to 1.0mm ² , AW 0 (bar terminal with i	/G26 to AWG16 (stranded wire) nsulation sleeve)	_		GT1020-LWD GT1020-LBDW GT1020-LWDW		GT1020-LBDW GT1030-LWDV GT1020-LWDV
wire size	Two-wire installation	0.14 to 0.5mr	m ² , AWG26 to AWG	G20 (single wire)	0.14 to 0.2mm ² , AV	/G26 to AWG24 (stranded wire)	-	С	Power supply terminal	-	Power supply tern
Clamp terr	minal		AI2.5-6BU, A	10.34-6TQ, AI0.5	-6WH (made by Pho	enix Contact)	-			RS-422 interface,	
	torque (terminal ninal screws)			0.22 to	0.25 [N⋅m]		_	D	RS-422 interface	Power supply terminal	RS-232 interfac

Performance specifications

					0				
					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			or 18 chars. \times 6 lines (2-b or 24 chars. \times 8 lines (2-b				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		Appro	ox. 50,000 hours (Time	for display contrast read	ches 20% at operating a	mbient 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		,		,	,		cklight based on system	
	Туре	Otatus contra	<u> </u>	istive type	Toave time setting our			sistive type	i mormation.
	No. of touch keys				Max. 50 k	eys/screen			
Touch	Key size		Min. 16 × 16 [dots] (per key)		Ĺ	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			1,00	0,000 times or more (o	perating force 0.98N or	less)		
	User memory*3	Built-in fla	ash ROM for saving pro	ject data (1.5MB or less	s) and OS	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	57600/38400/192 Connector shape: Connector	ission speed: 115200/ 00/9600/4800bps, acter terminal block, 9-pin nunication with PLC
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					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 GT1020-L_L(W): 0.18kg	(excl. mounting brackets) (excl. mounting brackets)	- 0.2kg (exc) mount	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
 GT Designer2 Version 2.900 or later
 GT Designer2 Version 2.900 or later
 (GT Designer2 Version 2.900 or later
 (G

External dimensions



G

Panel cut dimensions

When GOT is instal	led		(Unit: mm)	
Screen size	Type of GOT main unit	А	В	A 'ō'
15"	GT1695	383.5	282.5	
15	GT1595	303.5	202.5	
12.1"	GT1685	302	228	
12.1	GT1585 ^{*1}	302	220	Banalanan
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 User'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

- 4	110/0110								(Unit. min)
	Item		GT1695	GT1685	GT1595	GT1585	GT157	GT156	GT155
	GOT only						50 or more	50 or more	
	When bus connection unit is i	nstalled	1	50 or more	(20 or more)		(31 or more)	(36 or more)	65 or more
	When serial communication u	nit is installed	1				(ST OF MOLE)	(30 01 11010)	
	When RS-422 conversion uni	t is installed	50 or more	51 or more	50 or more	51 or more	68 or more	73 or more	-
	When Ethernet communicatio	n unit is installed		-		50 or more	(20 or more)		50 or more (40 or more)
	When CC-Link communication	n unit		5	50 or more (20 or more	e)			50 or more
	(GT15-J61BT13) is installed When CC-link IE controller ne	to a second s							(32 or more)
	communication unit is installe	d				0 or more (20 or more			
	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		
A	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 (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	ł							
	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 inst	alled		30 01 11016	(20 01 11016)		(31 or more)	(36 or more)	05 01 11016
	When external input/output ur	nit is installed							
В						0 or more (20 or more			
С	(When CF card is not used)					0 or more (20 or more	e)		
-	(When CF card is used)				50 or more				100 or more
D						0 or more (20 or more			
Е					10	0 or more (20 or mor	e)		

*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

			(C	
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 r *2 : 80 or more (20 or r					

•GT10	
-------	--

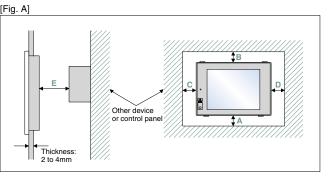
●GT10					(Unit: mm)
GOT main unit	А	В	С	D	Е
GT105	50 or more	80 or more	50 or more	50 or more	100 or more
	(20 or more)	(20 or more)	(20 or more)	(20 or more)	(20 or more ^{*3})
GT1030	50 or more	50 or more	50 or more	50 or more	80 or more
GT1020	(20 or more ^{*1})	(20 or more)	(20 or more)		(20 or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

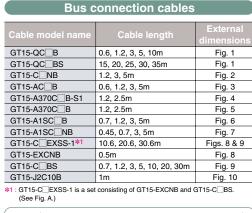
*1: 50 or more when a nRS-232/USB conversion adapter is used.
 *2: 80 or more when a personal computer connection cable is used or when a personal computer RS-232 interface is used for connecting multiple GOTs.
 50 or more when an RS-232 interface is used for using an RS-232/USB conversion adapter.
 *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.

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B⁺²*4

(Unit: mm)

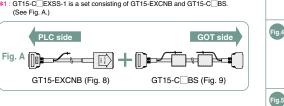
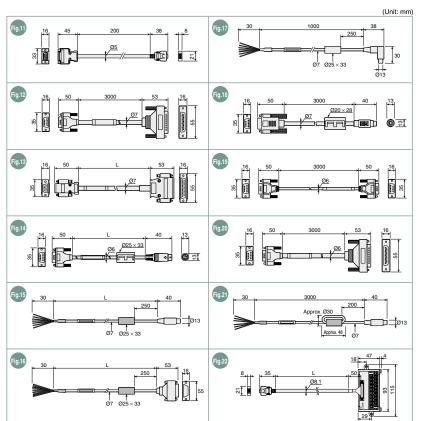


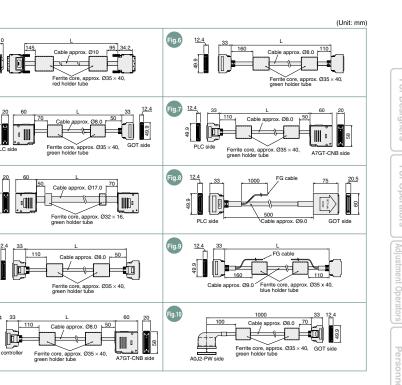
Fig.1

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-C R4-8P	1, 3, 10, 20, 30m	Fig. 14
GT10-C R4-8P	1, 3, 10, 20, 30m	Fig. 15
	0 10 00 00	Ein 40
GT10-C R4-25P	3, 10, 20, 30m	Fig. 16
GT10-C10R4-8PL	1m	Fig. 16 Fig. 17
GT10-C10R4-8PL	1m RS-232 cables	-
GT10-C10R4-8PL	1m	Fig. 17
GT10-C10R4-8PL	1m RS-232 cables	Fig. 17 External
GT10-C10R4-8PL F Cable model name	1m RS-232 cables Cable length	Fig. 17 External dimensions
GT10-C10R4-8PL F Cable model name GT01-C30R2-6P	Tm RS-232 cables Cable length 3m	Fig. 17 External dimensions Fig. 18

Model name	Cable length	External dimensions
FA-LTBGTR4CBL	0.5, 1, 2m	Fig. 22





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List of Cor Models

External dimensions

Communication units/optional units

				Model name	External dimension:
	Standard model of bus connection unit for 1ch		1ch	GT15-QBUS	Fig. 1
	QCPU (Q mode)/m	QCPU (Q mode)/motion controller CPU (Q Series)		GT15-QBUS2	Fig. 2
_		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	connection unit for	1ch	GT15-75QBUSL	Fig. 3
unit	QCPU (Q mode)/m	otion controller CPU (Q Series)	2ch	GT15-75QBUS2L	Fig. 3
	Thin model of bu	s connection unit for	1ch	GT15-75ABUSL	Fig. 3
	QnA/ACPU/motio	on controller CPU (A Series)	2ch	GT15-75ABUS2L	Fig. 3
	RS-232 serial o (D-sub 9-pin (n	communication unit nale))		GT15-RS2-9P	Fig. 4
Serial communication unit	RS-422/485 se (D-sub 9-pin (fe	rial communication unit emale))		GT15-RS4-9S	Fig. 4
unit.	RS-422/485 se (terminal block)	S-422/485 serial communication unit erminal block)		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	OX		A9GT-QCNB	Fig. 7
Bus connector conversion box		A7GT-CNB	Fig. 8		
MELSECN	MELSECNET/H Optical loop unit		GT15-J71LP23-25	Fig. 9	
communication unit Coaxial bus unit		GT15-J71BR13	Fig. 10		
CC-Link IE controller network communication unit		GT15-J71GP23-SX	Fig. 11		
CC-Link cor	mmunication unit	Intelligent device station	unit	GT15-J61BT13	Fig. 12
Ethernet communication unit				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
BCB input unit	GT16M-R2	Fig. 16
RGB input unit	GT15V-75R1	Fig. 17
Video/RGB input unit	GT16M-V4R1	Fig. 16
Video/HGB 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
Eutomal 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)

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

*2 : Dimensions A to D for each communication unit					
Model name	Α	В	С		
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	

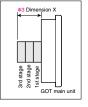
*3 : Dimension X when GOT is installed

•For GT16						
Units other than CC-Link IE controller network communication unit and multimedia unit						
1st 2nd 3rd						
15" 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					

OFOr GT15						
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			

CC-Link IE controller network communication unit						
1st 2nd 3rd						
15", 10.4"	34.5	56	78			
12.1"	31.5	53	75			
8 4" 5 7" 36 5 58 80						



				(Unit: mm)
otional units		Fig.1 63 3 GOT main unit	Fig.2 GOT main unit	Fig.3 137 GOT main unit
nnector boxes				
	External			
Model name	dimensions			
GT15-QBUS	Fig. 1	2.5		
GT15-QBUS2	Fig. 2			
GT15-ABUS	Fig. 1			₩1 *4 *5
GT15-ABUS2 GT15-75QBUSL	Fig. 2 Fig. 3	*3		*5
GT15-75QBUS2L	Fig. 3	Fig.4 63 GOT main unit	Fig.5 63 3 GOT main unit	Fig.6
GT15-75ABUSL	Fig. 3			
GT15-75ABUS2L	Fig. 3			
GT15-RS2-9P	Fig. 4		8 ∓	88
GT15-RS4-9S	Fig. 4			
	Fig. 5	8 5 5 81 5 81		
GT15-RS4-TE	-	*3	*3	*1
GT15-RS2T4-9P	Fig. 6	Fig.7 20 89.7	Fig.8 Mounting hole	Fig.9
GT15-RS2T4-25P A9GT-QCNB	Fig. 6 Fig. 7		+/48 + 155 20	
A7GT-CNB	Fig. 7 Fig. 8	64.2 C		_╝ ╗┝┍═┥ ╙ ╴╹╹┆╽
GT15-J71LP23-25	Fig. 9		8	
GT15-J71BR13	Fig. 10		From base	
GT15-J71GP23-SX	Fig. 11			
GT15-J61BT13 GT15-J71E71-100	Fig. 12 Fig. 13		39.5 4.25 To bus connection unit	When connector
GT15-3712/1-100	Fig. 13	L	connection unit	*3
		Fig.10 GOT main unit	Fig.11 133 GOT main unit	Fig.12
Model name	External			et l
GT15-PRN	dimensions	_⊆ ≋ ⊢¶ ÌÌÌ		
GT16M-MMR	Fig. 14 Fig. 15	┤ <mark>╞╵╴</mark> ╞		──────────────────────────────────────
GT16M-V4	Fig. 16			
GT15V-75V4	Fig. 17	₩1 <u>2.5</u> w1w2.5		
GT16M-R2	Fig. 16		4 8	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
GT15V-75R1 GT16M-V4R1	Fig. 17 Fig. 16	When F type connector is fitted *3		*3
GT15V-75V4R1	Fig. 16 Fig. 17	Fig.13 63 GOT main unit	Fig.14 63 3 GOT main unit	Fig.15 GOT main unit
GT16M-ROUT	Fig. 18			
GT15V-75ROUT	Fig. 18		<u> </u>	
GT15-CFCD	Fig. 19			
GT15-CFEX-C08SET GT15-SOUT	Fig. 20 Fig. 21		2.4	
GT15-DIOR	Fig. 22			
GT15-DIO	Fig. 22			46
GT11H-CNB-37S	Fig. 23	*** *3	*3	111 *3
	(Unit: mm)	Fig.16 133 GOT main unit	Fig.17	Fig.18 133 GOT main unit
*4 : Dimension A for eac	h	₽́® Fred Fred	sa reed reed in the	
communication unit Model name	А			
GT15-75QBUSL	2.5			
GT15-75QBUS2L	2.5			
GT15-75ABUSL	4	18 18 34 26 19 *1	18 18 34 26 19 col *1	19
GT15-75ABUS2L	4	This figure shows GT16M-V4R1. #3 GOT main unit		*3
*5 : Dimension X when G	OT is installed	Fig.19	Fig.20 GOT side	Control panel side
•For GT16	65			93
15" 12.1"	6.5			- 1
●For GT15	5		63 1.3	
15", 10.4"	8		╎┌──┪┈┡┱┐╎┛	
12.1"	5			114.5
8.4", 5.7"	10	<u> </u>		
		GOT main unit		8
				9, 62.5
		×3	*3	
		63		
			Fig.23 4 drilled holes	
			18 28 18 82 37.5	
		4 3 8 1 3 8 1 1 1 1 1 1 1 1		
			[~] ¦ ¦ [~] · U • f	
			Panel cut 18 9.5	
		29 9 8	Unit: mm	
			1	

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).

			Required optional units and devices		
l i	unction	GT16	GT15	GT11	GT10
Memory extension		CF card	Optional function board: GT15-QFNB_M or GT15-MESB48M CF card		None
Multi-channel fur	ction	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
	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
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
	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 fur	ction	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
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	1	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
Document displa	y function	CF card	Optional function board: GT15-QFNB(M) or GT15-MESB48M CF card		None
Operation log fur	oction	CF card	CF card	None	None
Backup/restoration	on function	USB memory or CF card	CF card	None	None
Maintenance time	e notification function	Not necessary (equipped with battery as standard feature)	Battery: GT15-BAT		None
CNC data input/o	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.

PMa

GT10

Ц GOT

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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)

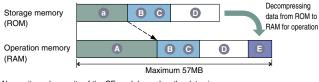
Storage memory Extended by Decompressing (ROM CF card data from ROM to Operatio RAM for operation

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

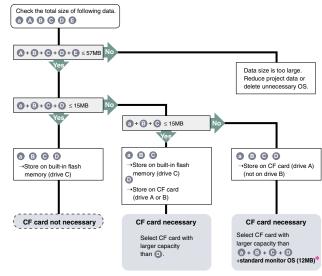
Data type	Data capacity			
a Extended function OS and optional function OS stored in ROM	Capacity of "GT16(ROM)" in [Table A] on page 79			
Extended function OS and optional function OS decompressed on RAM	Capacity of "GT16(RAM)" in [Table A] on page 79			
Communication driver	Check with [Table B] on 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)	J	RAM for operation

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

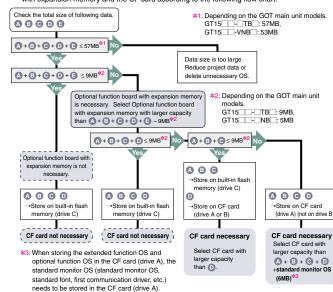
Data type	Data capacity
A Extended function OS, optional function OS	Capacity of "GT15" on [Table A] on page 79
B Second communication driver and onwards	150KB for each
C Special data	Check with a screen design software.
D Project data	Check with a screen design software.
Buffering area	Check with a 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)	A	B C	D		Decompressing data from ROM to RAM for operation
Operation memory (RAM)	A	BC	O	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

Barcode 84 84 84 84 84 84 84 Brid 166 166 41 166 41 System monitor 7.46 7.46 7.46 7.46 7.46 Printer 235 150 235 None 1024 5 Printer 1104 522 1104 None 770 3 Stroke Int support function 400 400 None 770 3 Stroke Stroke basic fort (Japanese) 2160 2160 2160 None 3175 None In Rot degipal (deo display) (dea display)<	F S F F				User area size to be used (KB)							User area size to be used (KB)				
Ram ROM C113 G111 Barcode 84 84 84 81 FIED 166 166 16 16 System monitor 746 746 81 Printer 235 150 225 None Printer 1104 522 1104 None Stroke basic font (Japanese) 2160 2160 None Stroke basic font (Japanese) 2160 2160 None Stroke basic font (Japanese) 2161 2016 None Stroke basic font (Japanese) 1074 292 512 None Multimedia 1074 292 512 None Backup/restoration 766 420 820 None Adudo output 200 100 70 100 104 Adudo output 200 100 70 100 104 Chrometid 766 420 820 None 114 114 114	F S F F	Function			Г16					Functio		G	Г16			
RFID 166 186 166 \$1 System monitor 746 746 746 \$1 Report 235 150 235 None Printer 0 900 400 400 None Stroke log (device name conversion library) 800 400 800 None Stroke basic fort (Japanese) 2160 2160 None 370 32 Video display 1074 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 1474 <t< th=""><th>F S F F</th><th></th><th></th><th></th><th>-</th><th>GT15</th><th>GT11</th><th></th><th></th><th></th><th></th><th></th><th>ROM</th><th>GT15</th><th>GT11</th></t<>	F S F F				-	GT15	GT11						ROM	GT15	GT11	
System monitor 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746 746	F	Barcode		84	84	84	*1		A list editor	MELSEC-A lis	st editor	1024	542	1058	*1	
Report 235 150 235 None Printer 1104 522 1104 None Operation log (device name conversion library) 800 400 800 None Stroke basic font (Japanese) 2160 2160 2160 None Stroke basic font (Japanese) 2160 2160 2160 None Stroke basic font (Japanese) (with Hangul) 3175 3175 None SFC monitor SFC monitor 1940 60 Video display Video/RGB 474 292 512 None SFC monitor SFC monitor SFC monitor SFC monitor 1940 60 Gateway (Gateway (Gatewa) (Gateway (Gatewa) (Gateway (Gatewa) (Gatewa) (Gatew	F	RFID		166	166	166	*1		FX list editor	MELSEC-FX	list editor	1024	542	1058	*1	
Printer 1104 522 1104 None Operation log (device name conversion library) 800 400 800 None Stroke font support function 400 400 None Stroke font support function 770 3 Stroke basic font (Japanese) 2160 2160 2160 None Stroke basic font (Japanese) 770 3 Stroke basic font (Chinese: Simplified) 1474 1474 1474 None Stroke basic font (Chinese: Simplified) 1940 6 Multimedia 1074 292 - None Stroke basic font (PP) 84 6 Multimedia 1074 292 - None Gateway (Gateway (mail) 100 4 Audio output 200 100 200 None *1: Requires installation of the optional function OS is not required. *1: Requires issellation of the optional function OS and extended function OS Audio output 200 100 200 None *1: Requires issellation of the optional function OS and extended function OS Multi-channet #2	F	System m	nonitor	746	746	746	*1		Intelligent uni	t monitor		770	390	384	None	
Operation log (device name conversion library) 800 400 800 None Stroke Stroke font support function 400 400 400 None Stroke Stroke basic font (Japanese) 2160 2160 None Stroke basic font (Japanese) 1474 1474 None Stroke basic font (Chinese: Simplified) 1474 1474 None Video display Video/RGB 474 292 512 None Multimedia 1074 292 512 None Gateway (server, client) 100 46 Gerestor authentication 730 460 784 None *11 Requires installation of the optional function OS is not required. *11 Requires installation of the optional function OS is not required. Audio output 200 770 100 None *11 Requires installation of the optional function OS is not required. Multi-channel %2 %2 None None *11 Requires installation of the optional function OS and optional function OS Multi-channel %2 %2 None None	-	Report		235	150	235	None		Network mon	itor		370	210	324	None	
Stroke basic fort (Chinese: Simplified) (with Hangu) 2016 2016 2016 2016 None Video display Video/RGB 474 292 512 None Multimedia 1074 292 - None Multimedia 1074 292 - None Backup/restoration 474 292 512 None Backup/restoration 766 420 820 None Audio output 200 100 200 None Audio output 200 100 200 None External I/O, operation panel 100 77 100 None Multi-channel *2 *2 None *383 210 437 Multi-channel 200 77 100 None None None Standard font (Chinese: Simplified) 1428 1280 None Multi-channel *2 *2 *2 None Standard font (Chinese: Simplified) 1280 1280 None Standard font (Chinese: Simplified) 1280 1280 1280 None <td>-</td> <td>Printer</td> <td></td> <td>1104</td> <td>522</td> <td>1104</td> <td>None</td> <td>SU</td> <td>Q motion mor</td> <td>nitor</td> <td></td> <td>770</td> <td>390</td> <td>607</td> <td>None</td>	-	Printer		1104	522	1104	None	SU	Q motion mor	nitor		770	390	607	None	
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Stroke basic fort (Chinese: Simplified) (with Hangu) 2016 2016 2016 2016 None Video display Video/RGB 474 292 512 None Multimedia 1074 292 - None Multimedia 1074 292 - None Backup/restoration 474 292 512 None Backup/restoration 766 420 820 None Audio output 200 100 200 None Audio output 200 100 200 None External I/O, operation panel 100 77 100 None Multi-channel *2 *2 None *383 210 437 Multi-channel 200 77 100 None None None Standard font (Chinese: Simplified) 1428 1280 None Multi-channel *2 *2 *2 None Standard font (Chinese: Simplified) 1280 1280 None Standard font (Chinese: Simplified) 1280 1280 1280 None <td></td> <td>Stroke</td> <td>Stroke basic font (Japanese)</td> <td>2160</td> <td>2160</td> <td>2160</td> <td>None</td> <td>a</td> <td></td> <td>GOT platform</td> <td>library</td> <td>200</td> <td>77</td> <td>100 *5</td> <td>None</td>		Stroke	Stroke basic font (Japanese)	2160	2160	2160	None	a		GOT platform	library	200	77	100 *5	None	
Stroke basic fort (Chinese: Simplified) (with Hangu) 2016 2016 2016 2016 None Video display Video/RGB 474 292 512 None Multimedia 1074 292 - None Multimedia 1074 292 - None Backup/restoration 474 292 512 None Backup/restoration 766 420 820 None Audio output 200 100 200 None Audio output 200 100 200 None External I/O, operation panel 100 77 100 None Multi-channel *2 *2 None *383 210 437 Multi-channel 200 77 100 None None None Standard font (Chinese: Simplified) 1428 1280 None Multi-channel *2 *2 *2 None Standard font (Chinese: Simplified) 1280 1280 None Standard font (Chinese: Simplified) 1280 1280 1280 None <td></td> <td>9</td> <td>Stroke basic font (Japanese) (with Hangul)</td> <td>3175</td> <td>3175</td> <td>3175</td> <td>None</td> <td>tio</td> <td>SFC monitor</td> <td>SFC monitor</td> <td></td> <td>1940</td> <td>608</td> <td>1373 *5</td> <td>None</td>		9	Stroke basic font (Japanese) (with Hangul)	3175	3175	3175	None	tio	SFC monitor	SFC monitor		1940	608	1373 *5	None	
opputer operation Vote Product operation 4/4 2.92 512 None Remote personal computer operation Remote personal computer operation 84 50 84 None Backup/restoration 766 420 820 None \$21 installation of the optional function OS is not required. Audio output 200 100 200 None \$41 Necessary to specify the logging function and install the optional function OS is not required. CNC data CNC data input/output 383 210 437 None Device data transfer 100 70 100 None see "PX Developer Version 1 Operating Manual (GOT State input/output GOT platform library 200 77 100 None Maintenance time notification \$42 \$42 None OS). (Using the SFC monitor, an empty space of 6201KB or more in the is necessary to install function OS and extended function OS 50 built-in flash memory, the boot source of the OS needs to be set to *A: st of the memory has to provide \$192KB for operating the GOT to be used. Multi-channel \$42 \$42 None OS). (Using the SFC monitor requires a total memory capacity of 14393 Chinese	tion	ioni s	Stroke basic font (Chinese: Simplified)	1474	1474	1474	None	ď		GOT function	extension library	19381	4728	4728 *5	None	
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Computer operation Video PGBs 4/4 2.92 512 None Remote personal computer operation Remote personal computer operation 84 None %1: Hequires installation of the optional function OS is not required. Backup/restoration 766 420 820 None Audio output 200 100 200 None Audio output 200 100 200 None CNC data input/output GOT peration panel 100 70 100 None Device data transfer 100 50 100 None Standard font (Chinese: Simplified) 422 %2 None Multi-channel #2 #2 %2 None OS). (Using the SFC monitor, an empty space of 6201KB or more in the is necessary to install function OS and optional function OS built-in flash memory, the boot source of the OS needs to be set to *A: st of the memory has to provide 8192KB for operating the GOT to be used. Multi-channel #2 #2 %2 None Standard font (Chinese: Simplified) 1280 1280 None Stroke font (Lapanese) 1037 None	P F	RGB displ	lay Video/RGB	474	292	512	None			Gateway (FTF	°)	84	50	64	None	
Computer operation Video PGBs 4/4 2.92 512 None Remote personal computer operation Remote personal computer operation 84 None %1: Hequires installation of the optional function OS is not required. Backup/restoration 766 420 820 None Audio output 200 100 200 None Audio output 200 100 200 None CNC data input/output GOT peration panel 100 70 100 None Device data transfer 100 50 100 None Standard font (Chinese: Simplified) 422 %2 None Multi-channel #2 #2 %2 None OS). (Using the SFC monitor, an empty space of 6201KB or more in the is necessary to install function OS and optional function OS built-in flash memory, the boot source of the OS needs to be set to *A: st of the memory has to provide 8192KB for operating the GOT to be used. Multi-channel #2 #2 %2 None Standard font (Chinese: Simplified) 1280 1280 None Stroke font (Lapanese) 1037 None	1 g			1074	292	-	None		MES interface	e		13461	1598	3196 *6	None	
periator Remote personal computer operation 84 50 84 None Backup/restoration 766 420 820 None Operator authentication 730 460 784 None Audio output 200 100 200 None External I/O, operation panel 100 70 100 None CNC data CNC data input/output 383 210 437 None Device data transfer 100 50 100 None \$5: When using the SFC monitor, an empty space of 201KB or more in the is necessary to provide 8132KB for operating the GOT function ext one or in the is necessary to install the extended function OS and optional function OS Device data transfer 100 50 100 None Multi-channet *2 *2 None OS). (Using the SFC monitor requires a total memory capacity of 14392 following settings are necessary depending on the GOT to be used. Chinese region Standard font (Chineses: Simplified) 1280 1280 None Stroke font (Japanese) 1280 1280 None Stroke font (Lapanese)			onal Video/RGB	474	292	512	None	*1	Requires instal	es installation of the optional function OS and e		extended funct	tion OS, but d	loes not use th	ne user area.	
Operator authentication 730 460 784 None Audio output 200 100 200 None External I/O, operation panel 100 70 100 None CNC data CNC data input/output 383 210 437 None Input/output GOT project data input/output 383 210 437 None Device data CNC data input/output 383 210 437 None Device data CNC data input/output 383 210 437 None Multi-channel #2 #2 None Stondard font (Chinese: Simplified) 1280 1280 None Standard font (Chinese: Traditional) 1920 1920 1920 None Standard font (Chineses) Storke font (Japanese) 1280 1280 None Stroke font (Lapanese) 1280 1280 1280 None Manual (8.9 Data transfer bot source of the OS, see "G Designer2 Version], Bat region Stroke font (Chineses: Simplified) 1248 1248 <	0	operation	Remote personal computer operation	84	50	84	None	*2:								
Operation autom 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00 8.00 8.5 When using the SFC monitor, an empty space of 6201KB or more in the is necessary to install the extended function OS and optional function OS is necessary to install the extended function OS and optional function OS is necessary to install the extended function OS and optional function OS is of the OS needs to be set to "A: si the mony, the boot source of the OS needs to be set to "A: si the mony has to provide 8192KB for operating Manual (GOT SG is of the memory has to provide 8192KB for operating Manual (GOT SG is of the OS needs to be set to "A: si the memory, the boot source of the OS needs to be set to "A: si the memory has to provide 8192KB for operating the GOT function os of the memory has to provide 8192KB for operating the GOT function extension is a standard fort (Chinese: Simplified) None Standard font (Chinese: Traditional) Necessary is simulated optional function os of the CS necessary is and and font (Chineses) Necessary is near and and for is thandard for is the Core of Si to "A: standard fort (Chineses) Necessary is near and and for is the memory extension (install optional function os of the CS near) is the core of the CS near is the core of the CS near is the core of Si to "A: standard fort (Chineses) None Chinese Standard font (Chineses) 1280 1280 None None Stroke font (Japanese) 1280 1280 None Other than above Memory extension (install optional functin CS is the standard CI is the standard CI	F	Backup/re	estoration	766	420	820	None	*3: It is necessary to specify the logging function and install the optional function OS (logging) in advance.								
Audio output 200 100 200 None External I/O, operation panel 100 70 100 None 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 Maintenance time notification #2 #2 None Multi-channel #2 #2 %2 None Multi-channel #2 #2 None CS). (Using the SFC monitor, an 'empty space of 6201KB or more in the sin memory, the bot source of the OS needs to be set to "A: st of the memory has to provide 8192KB for operating the GOT function ext Standard font (Chinese: Simplified) 1280 1280 None Chinese Standard font (Chinese: Traditional) 1920 1920 None Gther function ext Stocke font (Lapanese) 1280 1280 None Stocke font (Chinese: Simplified) 1280 1280 None Memory extension (install optional function ext	(Operator	authentication	730	460	784	None	*4: Necessary when using the GOT project data that is automatically created by the PX Developer (Ver. 1.15 or								
External I/O, operation panel 100 70 100 None 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 Maintenance time notification #2 #2 None Multi-channel #2 #2 None Standard font (Chinese: Simplified) 1280 1280 None Standard font (Japanese) 1280 1280 None Stroke font (Lapanese) 1037 None Other than above Memory extension (install optional function of the OS, see "GT Designer2 Version], Bat For setting the bot source of the OS, see "GT Designer2 Version], Bat Manual (8.9 Data transfer by memory card.)" Memory extension (install optional function optional funct	1	Audio out	tput	200	100	200	None									
CNC data CNC data <th< td=""><td>F</td><td>External I</td><td>I/O, operation panel</td><td>100</td><td>70</td><td>100</td><td>None</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	F	External I	I/O, operation panel	100	70	100	None									
input/output GOT platform library 200 77 100 None Device data transfer 100 50 100 None Maintenance time notification *2 *2 None Multi-channel *2 *2 *2 None Multi-channel *2 *2 *2 None Standard font (Chinese: Simplified) 1280 1280 None Standard font (Japanese) 1280 1280 None Stroke font (Lipanese) 1037 1037 None Stroke font (Chinese: Simplified) 1248 1248 None	(CNC data	a CNC data input/output	383	210	437	None		built-in flash memory, the boot source of the OS needs to be set to "A: standard CF car							
Maintenance time notification #2 #2 #2 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 Standard font (Japanese) 1280 1280 None Stroke font (Japanese) 1037 1037 None Stroke font (Chinese: Simplified) 1248 1248 None	i	input/outp	out GOT platform library	200	77	100	None									
Multi-channel #2 #2 #2 None Standard font (Chinese: Simplified) 1280 1280 None Chinese region Standard font (Chinese: Simplified) 1280 1280 None Standard font (Japanese) 1280 1280 None Stroke font (Japanese) 1037 1037 None Stroke font (Chinese: Simplified) 1248 1248 1248 None Memory extension (install optional functional	1	Device da	ata transfer	100	50	100	None		OS). (Using t	he SFC monito	r requires a total memor	y capacity of	14393KB.) D	ue to the abo	ve, the	
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Standard font (Chinese: Traditional) 1920 1920 None Chinese Standard font (Chinese: Traditional) 1920 1920 None Standard font (Japanese) 1280 1280 None Other than above Memory extension (install optional functit Stroke font (Japanese) 1037 1037 None Other than above Memory extension (install optional functit Stroke font (Chinese: Simplified) 1248 1248 None Manual (8.9 Data transfer by memory card.)*	1	Multi-chai	nnel	*2	*2	*2	None		G	от		Necess	ary setting			
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region Stroke font (Japanese) 1037 1037 1037 None Stroke font (Chinese: Simplified) 1248 1248 1248 None			Standard font (Chinese: Traditional)	1920	1920	1920	None		GI15/VN,	, GT1562-VN	· Memory extension (ir	stall optional	function boar	d with expans	ion memory.)	
Stroke font (Chinese: Simplified) 1248 1248 1248 None Manual (8.9 Data transfer by memory card.)*	0	Chinese	Standard font (Japanese)	1280	1280	1280	None		Other than ab	ove	· Memory extension (ir	stall optional	function boar	d with expans	ion memory.)	
Stroke font (Chinese: Simplified) 1248 1248 1248 None Manual (8.9 Data transfer by memory card.)"	r	region	Stroke font (Japanese)	1037	1037	1037	None		For setting the	boot source of	the OS. see "GT Desig	ner2 Version	. Basic Ope	ration/Data Tr	ansfer	
Stroke font (Chinese: Traditional) 1680 1680 None 40: The operation of the MES interface function uses 8218KB of the extended in a fight Something memory.			Stroke font (Chinese: Simplified)	1248	1248	1248	None									
Granting lan of GT15's operation memory	suc		Stroke font (Chinese: Traditional)	1680	1680	1680	None				rface function uses 8218	<b exte<="" of="" td="" the=""><td>nded memory</td><td>(GT15-MESB</td><td>48M(48MB))</td>	nded memory	(GT15-MESB	48M(48MB))	
Operation log 1221 384 1218 None of G115's operation memory.	J ġ			1221	384	1218	None		of GT15's oper	ation memory.						
5 Document display 3072 150 2048 None [Table B] Capacity of GT16 communication driver	Ē	Documen	nt display	3072	150		None	[Т	able B】C	apacity of	GT16 communi	cation dr	iver			
B Kana-Kanji conversion None None 1223 None Units connected Communication driver name	1 g	Kana-Kar	nji conversion	None	None	1223	None							Capacity (KB)	
Section Q Revision (enhanced version) 1274 242 1274 None Bus connection Q	음	Kana-Kar	nji conversion (enhanced version)	1274	242	1274	None						_	180		
	ğŀ	Historical	trend graph*3	*2	*2	*2	None			F		1		180		
Logging ^{&4} 710 380 740 None motion controller, MELSEC-EX	l	Logging*	:4	710	380	740	None							180		
Recipe 100 70 100 *1 robot controller, MELSECNET/H	F	Recipe		100	70		*1							200		
Advanced recipe 1187 310 1241 None CNC CNC CC-Link IE controller network	1	Advanced	d recipe	1187	310	1241	None	CI	NC			twork		200		
Object script ⁸⁴ 360 180 360 None Third party PLC, JTEKT Corporation TOYOPUC-PC	(Object sc	ript <mark>*4</mark>	360	180	360	None	Th	ird party PLC					160		
Ladder MELSEC-A ladder monitor 674 342 523 None motion controller Ethemet (Yaskawa Electric Corporation)		addor	MELSEC-A ladder monitor	674	342	523	None					on)	160			
MELSEC-FX ladder monitor 674 342 592 None Microcomputer connection				674	342	592	None							230		
MELSEC-Q/QnA ladder monitor 4170 590 1082 None Communication drivers other than above		mornitor	MELSEC-Q/QnA ladder monitor	4170	590	1082	None							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						
(1)	Number of connectable channels	Up to 4 channels	Up to 2 channels	For GT16: The num • Only one channel • Ethernet connecti- • When the Ethernet the interface is not • When the RS-232 in the number of • See "Calculat For GT15: The num • Only one channel • When the Etherne the unit is not incl • When the RS-232 in the number of c • Calculat					
	Number of mountable units	mountable	mountable	Up to 5 units	Up to 3 units	The number of unit • More than one se • Optional units are • RS-422 conversio • It is necessary to © See "Calculat			
(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 cannot © 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, GT15-750					
<mark>≉6</mark> ∶GT	15-RS2-9P, GT	15-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				
읈	Servo amplifi	er monitor	770	390	524	None				
£.	CNC monitor		770	390	588	None				
Optional functions		GOT platform library	200	77	100 *5	None				
Ē	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							
GT157 -VN. GT1562-VN	Set boot source of OS to "A: standard CF card."						
GT157VN, GT1562-VN	· Memory extension (install optional function board with expansion memory.)						
Other than above · Memory extension (install optional function board with expansion memory.)							
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.

nber of communication ports (communication units and interfaces) for use for communication on GOT. I per one GOT can be connected in bus connection and network connection. ion is available up to four channels. It interface built in the GOT is used for functions other than communication with the connected device *4,

t included in the number of connected channels. 2 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).

nber of communication ports (communication units and interfaces) for use for communication on GOT. let 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 ⁴⁴, cluded in the number of connected channels. 32 standard interface is used for connection ⁸⁵ with a peripheral device, the interface is not included

connected channels.

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

hits that can be mounted on the extension unit interfaces 1 and 2 of GOT. terial communication unit ⁸⁶ of the same model can be mounted. 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).

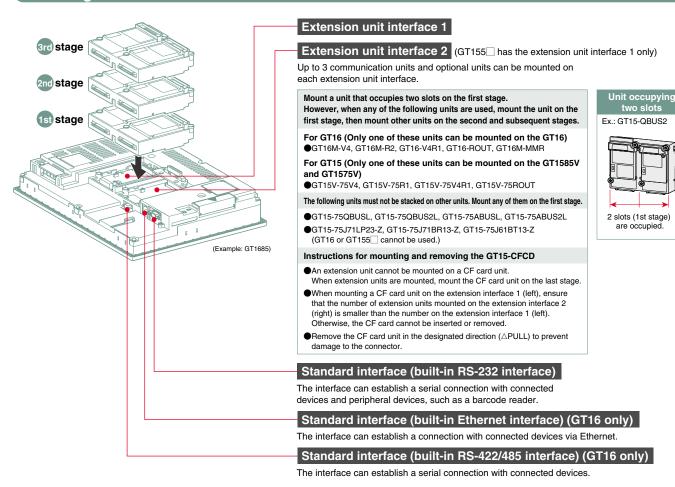
ounting stages that units can be stacked on the extension unit interfaces 1 and 2 of GOT. by two slots *7 *6 must be mounted on the first stage. n *8 is used, mount the unit on the first stage, then mount other units on the second or subsequent stages not be stacked on other units. Mount any of the units on the first stage. I 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

Л

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.

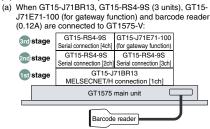
(1) Current that can be supplied by the GOT (2) Current used by units, barcode reader and RFID controller

(.) outon that out o	o cupplica by allo do l	(L) ourient about by units, barocab roader and third controller						
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	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

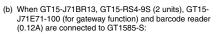
from the standard interface, add the current to be used by the barcode reader and RFID controller at 5VDC. (Maximum less than 0.3A)

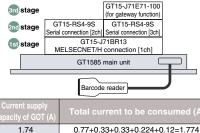
(3) Calculation example





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





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	Desci	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)*2#4#5#8 Microsoft® Windows® XP Home Edition Operating System Service Pack 2 or later (English version)*3#4#5#8 Microsoft® Windows Vista® Utilimate Operating System (English version)*3#4#5#8 Microsoft® Windows Vista® Enterprise Operating System (English version)*3#4#5#8 Microsoft® Windows Vista® Business Operating System (English version)*3#4#5#8 Microsoft® Windows Vista® Home Premium Operating System (English version)*3#4#5#8 Microsoft® Windows Vista® Home Basic Operating System (English version)*3#4#5#8					
CPU	Pentium® 200MHz or higher Microsoft® Windows® XP : Pentium II® 300MHz or higher Microsoft® Windows Vista® : 800MHz or more (recommended: 1GHz or						
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 \times 600 dots or more						
Other	Internet Explorer version 5.0 or later must be installed.						
Other	Mouse, keyboard, printer and CD-ROM drive that can be used on the above OS						
*2 : To install and use GT D *3 : To install GT Designer2	2, administrator authority is required. besigner2, administrator authority is required. 2, administrator authority is required. 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	escription						
Personal 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 Professional Operating System Service Pack 2 or later (English version)® Microsoft® Windows® XP Home Edition Operating System Service Pack 2 or later (English version)® Microsoft® Windows Vista® Ultimate Operating System (English version)® Microsoft® Windows Vista® Enterprise Operating System (English version)® Microsoft® Windows Vista® Business Operating System (English version)® Microsoft® Windows Vista® Home Premium Operating System (English version)® Microsoft® Windows Vista® Home Pasic Operating System (English version)® Microsoft® Windows Vista® Home Basic Operating System (English version)®						
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 disk 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							
Display colors	isplay colors For GT16 simulator: 65,536 colors For GT15 simulator: 65,536 colors For GT11 simulator: 256 colors							
Display	Resolution 800×600 dots or more (to use full-screen display function: resolution	n 1024 $ imes$ 768 dots or more)						
For creation/editing of project data	GT Designer2*5							
	GX Simulator version 5 or later ^{#6} The GX Simulator software versions for simulating PLC CPUs are as follows.							
a	PLC CPU to be simulated	Software version						
Ad	QCPU (A mode), ACPU, motion controller CPU (A series)	Version 5A or later						
For use of GX	QCPU (Q mode) (excl. Q00J, Q00 and Q01CPU), QnACPU, FXCPU Q00JCPU, Q00CPU, Q01CPU	Version 5E or later Version 6.00A or later						
Simulator	Q02PHCPU, Q06PHCPU	Version 7.20W or later						
	Q12PHCPU, Q25PHCPU	Version 6.10L or later						
	Q12PRHCPU, Q25PRHCPU	Version 6.20W or later						
	FX3U 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.

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SoftGOT1000 Version2

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Function list

GT16 GT15 GT SoftGOT

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Video input / HGB input / HGB output Hequele unit P-30 P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P							D of				•							
Image: Protective structure Pr					required	unit	P.30				GT1585V only	GT1575V only					_	
Boot OS installation CF card P.26 Image: CF card Image: CF card <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></td> <td></td>								_		-	-			-				
Start from CF card Register ¹⁰ (DT Sml) CF card P.26 Image: CF card Image: CF card <thimage: card<="" cf="" td=""><td></td><td></td><td></td><td></td><td></td><td>CE</td><td>P.67~</td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thimage:>						CE	P.67~	_										
Start from CF card (15 m) CF card P.26 Image: CF card			Boot OS Installation	Rem ired*2														_
Base screen Base screen CF CF <td>st</td> <td></td> <td>Start from CF card</td> <td></td> <td></td> <td>CF card</td> <td>P.26</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>-</td>	st		Start from CF card			CF card	P.26						•					-
Base screen Base screen CF CF <td>tio</td> <td></td> <td>OS installation</td> <td></td> <td>_</td>	tio		OS installation															_
Base screen Base screen CF CF <td>n</td> <td></td> <td>Project data download/upload</td> <td></td> <td></td> <td>(CF card/</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>•</td> <td>٠</td> <td></td> <td></td> <td>•</td> <td>•</td>	n		Project data download/upload			(CF card/			-				•	٠			•	•
Base screen Base screen CF CF <td>iit fi</td> <td></td> <td>Resource data upload</td> <td></td> <td></td> <td><gt16 only="">)</gt16></td> <td></td> <td>_</td> <td></td>	iit fi		Resource data upload			<gt16 only="">)</gt16>		_										
Base screen Base screen CF CF <td>Ē</td> <td></td> <td>FA transparent function</td> <td></td> <td></td> <td></td> <td>P.43</td> <td></td> <td>-</td>	Ē		FA transparent function				P.43											-
Base screen Base screen CF CF <td>Aair</td> <td></td> <td>Multi-channel function</td> <td></td> <td></td> <td></td> <td>P.29</td> <td></td> <td>_</td>	Aair		Multi-channel function				P.29											_
MES interface function Registe ³² Regist ³² 32 32<	-			(UI IS ONY)	Required	(CE card)		-	op to 4ch									-
End Base screen Image: Constraint of the screen				Required*2				_			_							
Image: Superimposed window display Image: Superimposed window display	ig	suc				(23.0/		_	-	-			-					
bit Overlap window display P.42 Image: Constraint of the state of	des	catic	Superimposed window display					_					•					
xi xi<	reen	pecifi	Overlap window display															
	S	sp	Dialog window display				P.42											

GT11 GT10

	л Л		functi	onal function 1 *2	<u>تر</u>	page	GT115	GT1
Catador	Cale	Function*1	Optional f board	Extended/optio OS installation	Other necessa devices	Details p	GT115 -Q_BD QVGA 5.7"	GT11 -Q_B 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	_
nfia	מ	Ethernet connection					_	-
2	3	Third party PLC connection Microcomputer connection					•	_
ction	5	MODBUS [®] /TCP connection					-	-
auu		Temperature controller connection					•	-
č	3	Inverter connection Servo amplifier connection				P.28, 62~	•	_
		CNC CPU direct connection						-
		Connection MELSECNET/10 connection CC-Link (ID station) connection					-	-
		(C6/C64) Ethernet connection					_	-
		Robot controller connection (CRnD-700)					-	-
	ory.	Standard memory capacity				D 00 07	3MB	3№
	Memory	Total memory capacity when using optional memory (standard + optional)				P.26, 67~	_	-
		65,536 colors					-	-
	ors	4,096 colors					-	-
	Display colors	256 colors					GT1155- Q_BD only	GT11 Q_BDQ
	Displa	16 colors				1	-	_
		Monochrome (black/white) 16 gray scales					GT1150- QLBD only	GT11 QLBDQ/
		Monochrome (black/white) 2 colors Monochrome (blue/white) 16 gray scales					_	_
		1600 × 1200 dots (UXGA)					_	_
		1280 × 1024 dots (SXGA)					-	-
	5	1024 × 768 dots (XGA)					-	-
	ļrti	800 × 600 dots (SVGA)						
	Resolution	640 × 480 dots (VGA)				P.67~	_	
	-	320 × 240 dots (QVGA) 288 × 96 dots					•	
립		160 × 64 dots					-	-
Hardware specifications		RS-232 interface						
bec		RS-422 interface					•	-
ares		RS-422/232 interface				1	-	-
Ňp		RS-422/485 interface Bus interface					_	-
Н	rface	Ethernet interface				1	-	-
	inte	USB interface USB host					_	-
	Built-in inter	CF card interface					•	
	щ	Optional function board interface					•	-
		Extension unit interface				1	_	_
		Multimedia & Video/RGB interface					_	_
		Video/RGB interface						
							_	
		Vertical display Clock function					•	
		Buzzer output				P.67~	•	Č
		Human sensor Printer				D 00	-	-
	Other	CF card unit (CF card extension unit)				P.28	_	
	ð	Sound output				P.31	-	_
		External input/output					-	-
		Video input / RGB input / RGB output				P.30	-	-
		Backlight OFF detection function Protective structure				P.67~	•	
					(CF card)			
		Boot OS installation				P.26	_	-
		Boot OS installation Start from CF card	1					
suo	SID				(CF card)			
nctions		Start from CF card OS installation Project data download/upload			(CF card)			
at functions		Start from CF card OS installation Project data download/upload Resource data upload				P 43	•	•
in unit functions		Start from CF card OS installation Project data download/upload Resource data upload FA transparent function			(CF card)	P.43		•
Main unit functions		Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function			(CF card)	P.43 P.29 P.32	•	•
		Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function Gateway function MES interface function			(CF card)	P.29		-
Screen design Main unit functions	Specifications	Start from CF card OS installation Project data download/upload Resource data upload FA transparent function Multi-channel function Gateway function			(CF card)	P.29 P.32	•	-

GT11	Мо	del	GT10*4	
T115	GT115	GT105	GT1030	GT1020
BD QVGA 5.7"	HS-Q_BD QVGA*4	-QBD QVGA		-LB_(W)(2)
	5.7"	5.7"	4.5"	3.7"
-	•	-	•	-
-	•			
-	_	_	_	_
-	-	-	-	-
_	Via G4 only	Via G4 only	Via G4 only	Via G4 only
-	_	—	-	-
	•	•	•	•
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-	•	-	-	-
-	•	-	-	-
-		-	-	-
_	_	_	_	_
-	-	-	-	-
- 3MB	- 3MB	- 3MB		
_	_	_	_	_
_	-	-	-	-
_	-	-	-	-
GT1155	GT1155	GT1055	_	_
GT1155- BDQ/A only	GT1155- HS-QSBD only	GT1055- QSBD only		
-	-	—	—	-
GT1150-	GT1150-	_	_	_
BDQ/A only	HS-QLBD only	-	•	•
_	_	GT1050-	_	_
_	_	QBBD only	_	_
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-	-	-		-
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		-		
	-	•	GT1030- LBD(W) only	GT1020- LBD(W) only
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- \$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.







iQ Platform

MEL LSEC Process Co + GOT1000 List of Connectable Models, etc.

Function list

GT16 GT15 GT SoftGOT

		GI SOIGOI	ц <mark>8</mark>	.e ¥	\$							Model					
			unctio	val funct	2	age		Г16				G	Г15				GT
		Function*1	nal fi	d/option Ilation	ssar ces ils pa		GT1695M -XTB	GT1685M -STB	-XTB	GT1585(V) -STB	-STB 🗋 ´	GT1575 -VTB	GT157	GT1565 -VTB	GT1562 -VNB	GT155 - BD	SoftGC 1000
			Optio	xtender S instal	Othe nece levic	Deta	XGA 15"	SVGA 12.1"	XGA 15"	SVGA 12.1"	SVGA 10.4"	VGA 10.4"	VGA 10.4"	VGA 8.4"	VGA 8.4"	VGA/QVGA 5.7"	Version *4
	Supported	BMP image display		шO			•	•	•		•	•		•	•	•	*4
	image data	JPEG image display DXF data					•	•	• •	•	•	•	•	•	•	•	•
	format	IGES data					•		•	•	•	•	•	•	•	•	•
su	Standard	Japanese, Japanese (supporting European languages), Chinese (Simplified), Chinese (Traditional, supporting European languages)					•	•	•	•	•	•	•	•	•	•	•
Specifications	fonts (basic) Standard	Chinese (Simplified)		Required		P.42	•	•	•	•	•	•		•	•	•	•
cific	fonts	Chinese (Traditional)		Required			•	•		•				•	٠		•
Spec	(optional) High-quality	Japanese		Required					•	•	•	•	•	•	•		•
	TrueType for						•	•	•	•				•			Ŏ
	TrueType for Windows® for	nt (7 segments)				P.36	•		•	•	•	•	•	•	•	•	•
		font (extended)		Required		1	•		•	•	•	•	•	•	•	•	•
	Stroke font (Required		D 00	•	•	•	•	•	•	•	•	•	•	•
Common settings	Screen switc	+ figure) layer function hing				P.26	•		•	•	•	•		•	•	•	
sett	Station No. s	witching					•	•		٠		•		•	٠		•
non	Password	upport function				P.25	•		•	•	•	•	•	•	•	•	
m	System infor	mation					•	•	•	•	•		•	•	•	•	•
0	Connected d	evice setting						•	•	•	•	•	•	•	•	•	-
	Boot logo Comment re	gistration				P.24, 38	•		•	•	•	•	•	•	•	•	•
	Parts registra	ation					•	•	•	•	•	•	•	•	•	•	•
	Data operation Offset function								•	•	•	•	•	•	•	•	•
	Security funct	Security level authentication				_		•									
	Lamp display	Operator authentication		Required		P.47	•	•	•	•	•	•	•	•	•	•	
	Touch switch								•	•	•	•		•	•	•	•
	Numeric disp	lay/input													•	•	•
	Data list disp ASCII displat						•		•	•	•	•	•	•	•	•	
	Kana-Kanji	Normal version		Required			_	-	•	٠				٠	٠	•	۲
	conversion func			Required			•		•	•	•	•	•	•	•	•	•
	Clock display Comment dis								•	•	•	•	•	•	•	•	•
	Extended ala	rm monitoring/display			(CF card)	P.44	•	•	•	•	•	•	•	•	•	•	•
s	Alarm list dis Alarm history				(CF card)		•	•	•	•	•	•	•	•	•	•	•
ting	Floating alar				(or ourd)		_	-	-	-	-	-	-	-	-	-	-
ct settings	Parts display				(CF card)		•	•	•	•	•	•	•	•	•	•	•
Object	Parts moven Panel meter				(CF card)				•	•	•	•		•	•	•	•
ö	Level display						•										٠
	Trend graph Historical tre	nd graph*8		Required**8	(CF card)	P.46			•	•	•	•	•	•	•	•	•
	Line graph	na graph		Thequires	(or card)		•	•	•	•	•			•	•	•	•
	Bar graph								•	•	•	•	•	•	•	•	•
	Statistical gra Scatter grap								•	•	•	•	•	•	•	•	
	Status obser	vation function					•	•		•		•	•	•	•	•	•
	Advanced re Recipe funct				(CF card) (CF card)	P.27	•		•	•	•	•	•	•	•	•	•
	Time action f			Ticquireu	(Or card)		•	•	•	•	•	•	•	•	•	•	•
	Report functi	on		Required	Printer unit	P.28	•		•	•	•	•	•	•	•	•	•
	Hardcopy	File saving in CF card			CF card CF card			•		•			•	•			•
	function	Printing on printer			Printer unit		٠	•	•				٠		٠		•
	Barcode fund RFID functio			Required Required		P.28	•	•	•	•	•	•	•	•	•	•	-
	Multimedia fu				Multimedia unit,	P.30	•	•	_	_	_	_	_	_	_	_	_
_				Required	CF card		•			•	•	•	-			-	
	Sound output	onal computer function t function			Video/RGB input unit Sound output unit	1			•		•	•		•	•	•	•
	External inpu	it/output function		Required	External inputioutput unit	P.31	•	•	•	•				•	•	•	-
	Operation pa Screen call f			Required	External inputioutput unit				•	•	•	•	•	•	•	•	•
ers	Operation log			Required	CF card	P.47	•	•	•	•	•	•	•	•	•	•	•
Others	Document di	splay function	Required*2 (GT15 only)	Required	CF card	P.45	•	•	•	•	•	•	•	•	•	•	•
	Logging fund		UGT IS ONLY		(CF card)	P.46	•	•		•			•	•	•	•	•
		Project script					•	•	•					•		•	•
	Script function	n Screen script Object script		Required		P.25	•		•	•	•	•	•	•	•	•	•
		transfer function		Required		P.29		•	•							•	
	Device monit			Required		P.55 P.49	-	-	•	-	•	•	-	-	-	-	-
						1.43		•		•	•	•	•		•	•	
	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 (GT15 only)	Required	(CF card)	P.50	•	•	•	•	•	•	•	•	•	GT1555- VTBD only	-
	Intelligent un	it monitor function	, an is unly	Required			•	•	•	•		•		•			-
	Q motion mo	nitor function		Required					•	•	•	•	•	•	•	•	-
	Servo amplif Network mor	ier monitor function		Required Required		P.49			•	•	•	•	•	•	•	•	-
	CNC monitor	function		Required	05		•	•	•			_	-	-	-	-	-
		out/output function		Required	CF card/ USB memory				•	•	•	-	-	-	-	-	-
	DACKUD/rest(pration function	L	Required	<gt16 only=""> Battery</gt16>	P.48			•	•	•	•		•	•		_

CT11 CT10

GT	11	GT10										
				tion *2 netion *2	*	۵			Мо	del		
Category	5		Function*1	func ional fur	ary	page	GT115	GT11 GT115	GT115	GT105	GT10*4 GT1030	GT1020
ate			Function*	o nal d ed/opti tallatior	er ess ices	tails	-Q_BD QVGA	-Q BD	HS-Q BD QVGA*4	-Q_BD QVGA		-LB_(W)(2)
				Opti boar Extend 0S ins	Oth nec dev	Det	5.7"	QVGA 5.7"	5.7"	5.7"	4.5"	3.7"
		Supported	BMP image display				•	•	•	-	•	-
		image data	JPEG image display DXF data				•	•	•	•	•	•
		format	IGES data				•	•	•	-	-	-
	suc	Standard fonts (basic)	Japanese, Japanese (supporting European languages), Chinese (Simplified), Chinese (Traditional, supporting European languages)				•	•	•	● *10	•*10	* 10
	Specifications	Standard	Chinese (Simplified)			P.42	-	-	-	-	-	-
	ecifi	fonts (optional)	Chinese (Traditional) Japanese				-	-		_		_
	g	High-quality	font									
		TrueType for	nt nt (7 segments)				•	•	•	-	•	-
		Windows® fo	ont			P.36	•	•	•	•	•	•
		Stroke basic Stroke font (font (extended)				-	_	_	_		_
	ß	Parts (object	+ figure) layer function			P.26	٠		٠	-	_	_
	Common settings	Screen switc Station No. s					•	•	-	-	•	-
	S LC	Multilingual s	support function			P.25	٠		•		•	
	Ĕ	Password System infor	mation					•	•	•	•	
	ပိ	Connected d										
		Boot logo Comment re	nistration			P.24, 38	•				•	
		Parts registra	ation					•	•		٠	
		Data operation					•	•	•		•	•
		Security funct	Security level authentication				•	•	•		•	
		Lamp display	Operator authentication			P.47	-	-	-	•	-	-
		Touch switch					•	•	•		•	
		Numeric disp Data list disp					•	•	•	•	•	•
		ASCII display					•	•	•			
		Kana-Kanji conversion func	tion Enhanced version				-	_	_	-	-	
ß		Clock display					•	•	•	•	•	•
desi		Comment dis				P.44	•					
Screen design		Alarm list dis	arm monitoring/display play			F.44	•	•	•	•*7	•*7	•*7
Scr	s	Alarm history display			(CF card)		•	•	•	•	•	•
	Object settings	Floating alarm display Parts display					•	•	•	•	•	•
	ect s	Parts movement					•	•	•	_	-	-
	opiqo	Panel meter Level display					•	•	•	-	•	-
		Trend graph				D (0	•	•	•		•	
		Historical tre Line graph	nd graph ^{#8}			P.46	-	-	-	-	-	-
		Bar graph							•			
		Statistical gra Scatter graph					•		•	-	•	-
		Status obser	vation function					•	•		•	
		Advanced re Recipe funct				P.27	-	-	-	-	-	-
		Time action f					•	•	•	•	•	
		Report functi	ion			P.28	-	-	-	_	-	-
		Hardcopy	File saving in CF card				-	-	-	—	-	-
		function Barcode fund	Printing on printer	Require	1	P.28	-	-	-	-	-	-
		RFID functio		Require		1.20	•	•	-	_	_	_
		Multimedia fu	unction			P.30	-	-	-	_	_	—
			onal computer function				-	-	-	-	_	_
		Sound outpu	t function ut/output function			P.31	-	-	-	-	-	_
		Operation pa	anel function				-	-	-	-	-	-
	s.	Screen call f				P.47	•	•	•	•	•	•
	Others		splay function			P.45	_	_	_	_	_	_
						P.46	-	_	_	_	_	_
		Logging func	Project script			1.40	•		•	-	-	-
		Script function	on Screen script			P.25	•	•	•	-	_	_
		Device data	Object script transfer function			P.29	-	-	-	-	_	_
		Device monit System mon		Require		P.55 P.49	-	-	-	•	•	-
		List editor for		Require			•	GT115	•	_	_	_
						P.48		Q_BDA only	_		_	_
	SUOI	List editor for		Require		P.51	•	_	•	_	_	_
		SFC monitor				P.51						
,	Ce	Ladder moni	tor function			P.50	-	-	-	—	—	—
	Maintenance runctions		it monitor function				-	-	-	-	-	_
	allu		nitor function ier monitor function			D 40	-	-	-	-	-	-
	Σ	Network mor	nitor function			P.49	-	-	-	-	-	-
		CNC monitor CNC data in	r function put/output function				-	-	-	-	-	_
		Backup/resto	pration 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 defails, 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.







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 Handy 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 wide viewing angle) V VGA N TFT color V VGA S STN 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 VGA S S (640 × 480 dots) B STN monochrome (hlue/white) _____ 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) ne 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	odel name		Screen size [resolution]	Display			ay colors r of colors)	Power supply	Memory size	Remarks
	GT1695	GT1695M-XTBA	NEW	15" XGA	TFT color LCD		65,536 co	olors	100-240VAC	15MB	Compatible with
GT16		GT1695M-XTBD	NEW	[1024 × 768 dots] 12.1" SVGA	(high brightness, wide viewing a TFT color LCD	angle)			24VDC 100-240VAC		multimedia & Video/RGB
	GT1685	GT1685M-STBA					65,536 co	olors	24VDC	15MB	Compatible with
		GT1685M-STBD	NEW	[800 × 600 dots]	(high brightness, wide viewing a	angle)			-		multimedia & Video/RGB
	GT1595	GT1595-XTBA		15" XGA	TFT color LCD		65,536 co	olors	100-240VAC 24VDC	9MB	_
		GT1595-XTBD		[1024 × 768 dots]	(high brightness, wide viewing a TFT color LCD	angle)			24VDC 100-240VAC		Compatible with
		GT1585V-STBA GT1585V-STBD		12.1" SVGA	(high brightness, wide viewing a	angle)			24VDC		Video/RGB
	GT1585	GT1585-STBA		[800 × 600 dots]	TFT color LCD	aligie)	65,536 colors		100-240VAC	9MB	Video/HGD
		GT1585-STBD		[000 × 000 dois]	(high brightness, wide viewing a	anale)			24VDC		-
		GT1575V-STBA			TFT color LCD	angio)			100-240VAC		Compatible with
		GT1575V-STBD		10.4" SVGA	(high brightness, wide viewing a	anale)			24VDC		Video/RGB
		GT1575-STBA		[800 × 600 dots]	TFT color LCD	x.i.g.o/	65,536 co	olors	100-240VAC	9MB	
		GT1575-STBD		[]	(high brightness, wide viewing a	anale)			24VDC		
		GT1575-VTBA			TFT color LCD	5-7			100-240VAC		
GT15	GT157	GT1575-VTBD			(high brightness, wide viewing a	angle)	65,536 co	olors	24VDC	9MB	
GIIS		GT1575-VNBA		10.4" VGA			050	_	100-240VAC	EN ID	1 -
		GT1575-VNBD		[640 × 480 dots]	TFT color LCD		256 color	S	24VDC	5MB	
		GT1572-VNBA			TFT color LCD		16 colors		100-240VAC	5MB	
		GT1572-VNBD			TFT color LCD		10 COIOIS		24VDC	SIVID	
		GT1565-VTBA			TFT color LCD		65,536 co	lore	100-240VAC	9MB	
	GT156	GT1565-VTBD		8.4" VGA	(high brightness, wide viewing a	angle)	00,000 00	1013	24VDC	ONID	_
		GT1562-VNBA		[640 × 480 dots]	TFT color LCD		16 colors		100-240VAC	5MB	
		GT1562-VNBD					10 00.010		24VDC	0.11.5	
		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 a	angle)			24VDC	9MB	-
		GT1555-QSBD		[320 × 240 dots]	STN color LCD		4,096 colors				
		GT1550-QLBD		[]	STN monochrome LCD		Monochrome (bla	ick/white) 16 gray scales			
		GT1155-QTBD GT1155-QTBDQ			TFT color LCD						Dedicated to Q bus connection
			GT1155-QTBDA								Dedicated to A bus connection
	GT1155	GT1155-QSBD					256 colors				
		GT1155-QSBDQ GT1155-QSBDA 5.7" QVGA		STN color LCD						Dedicated to Q bus connection	
GT11									24VDC	змв	Dedicated to A bus connection
ann		GT1150-QLBD		[320 × 240 dots]							_
	GT1150	GT1150-QLBDQ			STN monochrome LCD		Monochrome (black/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			ick/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		· · · ·	ue/white) 16 gray scales	2.1.00	0	
		GT1030-LBD				Frame color		3-color LED			Dedicated to RS-422 connection
		GT1030-LBD2 GT1030-LBDW		4.5"	STN monochrome LCD	Black		(green, orange, red)	24VDC	1.5MB	Dedicated to RS-232 connection Dedicated to RS-422 connection
		GT1030-LBDW GT1030-LBDW2		[288 × 96 dots]		DIACK	(black/white)	3-color LED			Dedicated to RS-422 connection
	GT1030	GT1030-LBDW2 GT1030-LWD						(white, pink, red) 3-color LED			Dedicated to RS-232 connection
		GT1030-LWD2		4.5"			Monochrome	(green, orange, red)			Dedicated to RS-232 connection
		GT1030-LWDW		[288 × 96 dots]	STN monochrome LCD	White	(black/white)	3-color LED	24VDC	1.5MB	Dedicated to RS-422 connection
		GT1030-LWDW2		[200 × 00 00:0]			(black write)	(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"		DIAN	Monochrome	(green, orange, red)	5VDC	512KB	Dedicated to RS-422FX connection
		GT1020-LBDW		[160 × 64 dots]	STN monochrome LCD	Black	(black/white)	3-color LED	24VDC	512KB	Dedicated to RS-422 connection
		GT1020-LBDW2						(white, pink, red)	24000		Dedicated to RS-232 connection
	GT1020	GT1020-LBLW						(writte, pink, red)	5VDC		Dedicated to RS-422FX connection
	011020	GT1020-LWD						3-color LED	24VDC		Dedicated to RS-422 connection
		GT1020-LWD2				(man anne wal)		Dedicated to RS-232 connection			
		GT1020-LWL		3.7"	STN monochrome LCD	White	/hito	(g.oon, oranyo, reu)	5VDC	512KB	Dedicated to RS-422FX connection
		G11020-LWDW [160 × 64 dots]	(black/white)	3-color LED	24VDC		Dedicated to RS-422 connection				
		GT1020-LWDW2						(white, pink, red)			Dedicated to RS-232 connection
		GT1020-LWLW					, , ,,	5VDC		Dedicated to RS-422FX connection	

Communication interface

Dueduet nome	Medel news	One office lines			Арр	licable i		
Product name	Model name	Specifications		GT16	GT15	GT11	Handy GOT	GT1
	GT15-QBUS	Bus connection (1ch) unit standard model				I	_	_
		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					_	_	_
	4113-4666	for QnA/ACPU/motion controller CPU (A series)		•				
	GT15-ABUS2	Bus connection (2ch) unit standard model			_	_	_	
s connection unit		for QnA/ACPU/motion controller CPU (A series)		-	•			
Bus connection unit	GT15-75OBUSI Bus connection (1ch) unit thin model*1			•		_	_	_
	G113-73QD00E	for QCPU (Q mode)/motion controller CPU (Q ser	ies)	-	-			
	GT15-75QBUS2L	Bus connection (2ch) unit thin model*1				_	_	_
	G113-73QD002E	for QCPU (Q mode)/motion controller CPU (Q ser	ies)	-	-			
	GT15-75ABUSL	Bus connection (1ch) unit thin model*1			_	_	_	
	GT15-7JADUSE	for QnA/ACPU/motion controller CPU (A series)	-					
	GT15-75ABUS2L	Bus connection (2ch) unit thin model*1			_	_	_	
	GT15-7JAD032L	for QnA/ACPU/motion controller CPU (A series)	-					
	GT15-RS2-9P	RS-232 serial communication unit (D-sub 9-pin (m	nale))			-	-	-
	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		•		_	_	_
	0113-113-112	* Usable only when connecting to temperature controllers	/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	-	-
	GT15-RS2T4-25P		RS-422 connector: 25-pin		*4	-	-	-
MELSECNET/H	GT15-J71LP23-25	Optical loop unit			•	Ι	-	-
communication unit	GT15-J71BR13	Coaxial bus unit				Ι	-	-
CC-Link IE controller network	GT15-J71GP23-SX	Optical loop unit				-	_	
communication unit	G115-571GF23-3A	Oplical 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		-		-	-	-

*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

Product name	Model name	Crosifications		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			_		_
Finterunit	GTIS-FRI	* 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	For video input (NTSC/PAL) 4ch		-	Ι	Ι	-
video input unit	GT15V-75V4	For video input (NTSC/PAL) 4ch	-	• *5	1	-	-
RGB input unit	GT16M-R2	For analog RGB input 2ch		-	-	-	-
RGB input unit	GT15V-75R1	For analog RGB input 1ch	-	• *5	I	-	-
Video/PCP 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	-	-	-
DCD 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			1	-	-
Sound output unit	GT15-SOUT	For sound output			Ι	-	-
	GT15-DIOR NEW	For external input/output devices and operation panel connection (negative					
External input/output unit		common input / source type output)			Ι	_	_
External input/output unit	CT15 DIO	For external input/output devices and operation panel connection (positive					
	GT15-DIO	common input / sink type output)	• •		Ι	_	_

*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 name		Screen design software GT Designer2 Ver.2	Simulation software GT Simulator2 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	English version						
GT Works2	SW2D5C-GTWK2-E	(Version upgrade)		•	•	•	English version			
Version2	SW2D5C-GTWK2-EV	Version upgrade	Version upgrade software	Version upgrade software (to upgrade GT Works2 to the latest 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	Appi GT15	icable n GT11	Handy GOT	GT
	GT16-90XLTT NEW		For GT1695M-XTB		-	-		
	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	-		_	-	
	GT16-MESB (NEW)			•	_	-	-	-
		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	· ····- •···	-	_	•*3		-
T (0)						-	-	
T10 memory loader	GT10-LDR		data transfer) no power source required	-	-	-	-	
GT10 memory board	GT10-50FMB (NEW)	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	4	Antiglare, 5 sheets	-		-	-	-
	GT15-90PSCW		Clear (frame: white), 5 sheets	-		-	1	- 1
	GT15-90PSGW	1	Antiglare (frame: white), 5 sheets	-		-	-	-
			Clear, 5 sheets	•	_	_	_	-
		4	,	-				
	GT16-80PSGB	1	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		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	-		-	_	-
Protoctive chect	GT15-60PSCW	Protective sheet for 8.4" screen		-	ě	_	-	-
Protective 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			_	_	-
		1						
	GT15-50PSCW	(for GT15)	Clear (frame: white), 5 sheets	-		-	-	-
	GT15-50PSGW		Antiglare (frame: white), 5 sheets	-		-	—	-
	GT11-50PSCB		Clear, 5 sheets	-	_		_	-
	GT11-50PSGB	Protective sheet for 5.7" screen	Antiglare, 5 sheets	-	-	ě	-	-
		4	.			-		
	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		_	-		-
		The conversion of the second contrained a contrained and the		_	-	-	_	
			Clear, 5 sheets					
	GT10-50PSGB	Protective sheet for 5.7" screen	Antiglare, 5 sheets	-	-	-	-	
	GT10-50PSCW	(for GT105_)	Clear (frame: white), 5 sheets	-	-	-	-	
	GT10-50PSGW	1	Antiglare (frame: white), 5 sheets	-	-	-	-	
				_	<u> </u>			-
	GT10-30PSCB		Clear, 5 sheets		<u> </u>	_	-	
	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	-	-	-	-	
	GT10-20PSCB		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	1 '	Antiglare (frame: white), 5 sheets	_	-	-	-	
		Destastive sever for UOD interf			_	_	_	
	GT16-UCOV NEW	Protective cover for USB interface	For 15"/12.1"	•				
SB protective cover	GT15-UCOV	on main unit front panel	For 15"/12.1"/10.4"/8.4"	-		-	-	-
	GT11-50UCOV	(for replacement)	For 5.7"	-			-	-
	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		-	ě	-	-	-
					_			-
	GT05-50PCO	Oil resistant cover for 5.7" screen		-			-	
mergency stop switch guard	GT11H-50ESCOV	For accidental operation prevention of	of emergency stop switch	-	-	-		-
, , , ,	GT15-90STAND	Stand for 15" type	v , r · · ·	•	•	-	_	-
								-
tand	GT15-80STAND	Stand for 12.1" type				-	-	-
and	GT15-70STAND	Stand for 8.4"/10.4" type		-		-	-	-
				-	ě		-	
	GT05-50STAND	Stand for 5.7" type				_		-
	GT05-MEM-32MC	32MB flash ROM						-
	GT05-MEM-64MC	64MB flash ROM		ě	Ŏ	ě	ě	-
				-	_	-	-	_
	GT05-MEM-128MC	128MB flash ROM						-
F card	GT05-MEM-256MC	256MB flash ROM						-
F card	GT05-MEM-512MC coming soon				•	•	•	-
		ning soon) 512MB flash ROM				-		-
	GT05-MEM-1GC coming soon							-
		1GB flash ROM 2GB flash ROM		•	•	•	•	

Options

Product name	Model name		Specif	cations			Appl	icable n	nodel			
Product name	wodername		Specin	cations		GT16	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		-			-	-	-		
Atta alam ant			A870GOT-EWS	A77GOT-EL-S5								
Attachment	GT15-60ATT-87	Attachment for	A8GT-70GOT-EW	A77GOT-EL-S3			_	_	_		-	-
		8.4" type	A8GT-70GOT-EB	A77GOT-EL	GT156 −	-						
			A77GOT-CL-S5	A77GOT-L-S5								
	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	_		•	-	-		
Potton	GT15-BAT	Battery for backu	p of clock data and ma	intenance time notificat	ion data			-	-	-		
Battery	GT11-50BAT	Battery for backu	o of clock data, alarm hi	ston, and recipe data (fr	or replacement)	_	-			•*4		

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

List of Connectable Models, etc.

MELSEC Process Co + GOT1000

Cables

	Product name	Model name	Cable length	products	Application	ر GT16	Applica GT15	able m GT11	nodel Handy	*2 GT
		GT15 OC06R		*1		GIIO	GIID	GIII	GOT	GI
		GT15-QC06B	0.6m	1						
	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	•			-	-
us connection		GT15-QC50B	5m							
able for		GT15-QC100B	10m							
CPU (Q mode)	I and distance and the	GT15-QC150BS	15m							
	Long-distance connection	GT15-QC200BS	20m		For long-distance (13.2m or more) connection between					
	cable for QCPU	GT15-QC250BS	25m	0	QCPU and GOT (A9GT-QCNB required)	•			_	- 1
	GOT-to-GOT long-distance	GT15-QC300BS	30m		For long-distance connection between GOT and GOT	-	-	-		
	connection cable	GT15-QC350BS	35m							
us extension conr			3511	-		•		•	-	-
us extension conr	lector 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	(A series, extension base) and GOT	•			-	
		GT15-C50NB	5m							
		GT15-AC06B	0.6m							
	Laws ODU	GT15-AC12B	1.2m	0	For connection between QnA/ACPU/motion controller CPU	•			_	
	Large CPU	GT15-AC30B	3m	0	(A series, extension base) and A7GT-CNB				-	1
	extension cable	GT15-AC50B	5m							
		GT15-A370C12B-S1	1.2m		For connection between motion controller CPU				+	
				0			•		-	-
		GT15-A370C25B-S1	2.5m	l	(A series, main base) and GOT		──	├──	+	-
		GT15-A370C12B	1.2m	0	For connection between motion controller CPU	•		•	_	-
		GT15-A370C25B	2.5m	<u> </u>	(A series, main base) and A7GT-CNB		<u> </u>	Ļ	+	
		GT15-A1SC07B	0.7m	1	For connection between QnAS/AnSCPU/motion controller CPU					
	Small CPU extension cable	GT15-A1SC12B	1.2m	0	(A series) and GOT		•		-	-
us connection	Small OF C extension cable	GT15-A1SC30B	3m							
able for		GT15-A1SC50B	5m	0	For connection between QnAS/AnSCPU and GOT		•		-	-
nA/ACPU/motion		GT15-A1SC05NB	0.45m							
ontroller CPU		GT15-A1SC07NB	0.40M	0	For connection between QnAS/AnSCPU/motion controller CPU	•		•	_	-
A series)	Small CPU extension cable		3m		(A series) and A7GT-CNB	-				
		GT15-A1SC30NB			For connection between OnAS/A=SODU and AZOT OND	•	•	•	-	
		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					
	Small CPU long-distance	GT15-C200EXSS-1	20.6m	0	controller CPU (A series) and GOT For long-distance	•			_	
	connection cable	GT15-C300EXSS-1	30.6m		connection between A7GT-CNB and GOT	-	-			
		GT15-C300EX33-1			*Set of GT15-EXCNB and GT15-C_BS					
		GT15-C07BS	0.7m							
	GOT-to-GOT	GT15-C12BS	1.2m	_						
	connection cable	GT15-C30BS	3m	0	For connection between GOT and GOT				-	- 1
		GT15-C50BS	5m							
			10m				-		+	
	GOT-to-GOT long-distance	GT15-C100BS								
	connection cable	GT15-C200BS	20m	0	For connection between GOT and GOT	•			-	
		GT15-C300BS	30m				L		+	
	A0J2HCPU connection cable	GT15-J2C10B	1m	0	For connection between power supply unit (A0J2-PW) for A0J2HCPU and GOT				-	-
Bus connector conv	version 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				-	-
			0.0111	\sim	Usable as GTTS-C_EXSS-T III combination with GTTS-C_BS			-		
errite core set for (Q bus cable (two-pack)	GT15-QFC	-		Ferrite cores for replacing existing GOT-A900 bus cable with		-		+	
	Q bus cable (two-pack) A bus cable (two-pack)	GT15-QFC GT15-AFC		0		•	•	•	-	-
errite core set for	A bus cable (two-pack)		-		Ferrite cores for replacing existing GOT-A900 bus cable with		-		-	-
errite core set for	A bus cable (two-pack)	GT15-AFC		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins)	•	•	•	-	-
errite core set for AS-422 conversion	A bus cable (two-pack) cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05	 0.2m 0.5m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector)	•	•	•	-	-
errite core set for AS-422 conversion	A bus cable (two-pack)	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins)	•	•	•	-	-
errite core set for AS-422 conversion	A bus cable (two-pack) cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable	•	•	•	-	-
errite core set for AS-422 conversion	A bus cable (two-pack) cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable For connection between QnA/ACPU/motion controller CPU (A	•	•	•		-
errite core set for AS-422 conversion	A bus cable (two-pack) cable (1979) lock conversion unit (1979)	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable	•	•	•	-	-
errite core set for A	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL and GOT	•	•	•	-	-
errite core set for A	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C200R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL and GOT For connection between AJ65BT-G4-S3 and GOT	•	•	•	-	-
errite core set for A	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA/65BT-G4-S3 and GOT For connection between An/65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin	•	•	•	-	- (
errite core set for A	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C200R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 QnA/A/FXCPU (D-sub 25-pin connector) and GOT	•	•	• •	*3	
errite core set for A	A bus cable (two-pack) cable (TEV) lock conversion unit (TEV) QnA/A/FXCPU direct connection cable Computer link	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL01 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C300R4-25P GT10-C30R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between serial communication unit 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	•	•	•	-	
errite core set for AS-422 conversion	A bus cable (two-pack) cable (TEV) lock conversion unit (TEV) QnA/A/FXCPU direct connection cable Computer link	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C200R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 QnA/A/FXCPU (D-sub 25-pin connector) and GOT	•	•	• •	*3	
errite core set for A S-422 conversion	A bus cable (two-pack) cable (TEV) lock conversion unit (TEV) QnA/A/FXCPU direct connection cable Computer link	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between serial communication unit 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	•	•	• •	*3	
errite core set for A	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT	•	•	• •	*3	
errite core set for A S-422 conversion	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between AA-6SBT-G4-S3 and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT	•	•	• •	*3	(
errite core set for A	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C GT09-C200R4-6C			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT	•	•	•	*3	(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-6C GT09-C30R4-6C GT09-C300R4-6C			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between AA-6SBT-G4-S3 and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT	•	•	•	*3	(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between AA-6SBT-G4-S3 and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT	•	•	•	*3	(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between AA-6SBT-G4-S3 and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT	•	•	• -		
errite core set for A	A bus cable (two-pack) cable (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C100R4-8P GT01-C100R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between AA-65BT-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	•	•	•	*3	(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL00 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-C30R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C10R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P		0 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 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 for connection between serial communication unit AD71QC24(N)-R4) and GOT	•	•	• -		
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL00 GT01-C30R4-25P GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P 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-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable For connection between QA/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 A/65BT-G4-S3 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	•	•	• -		(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C10R4-8P GT01-C30R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT10-C200R4-8P		0 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL 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 computer link unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	• -		(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL00 GT01-C30R4-25P GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P 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-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P		0 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable For connection between QA/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 A/65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) 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 SCPU (MINI-DIN 8-pin	•	•	• -		(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) and/A/FXCPU direct connection cable Computer link connection cable FXCPU direct connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C10R4-8P GT01-C30R4-8P GT01-C200R4-8P GT01-C200R4-8P GT01-C200R4-8P GT10-C200R4-8P		0 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL 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 computer link unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	• -		(
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable EXCPU direct connection cable FXCPU direct connection cable FX communication	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C300R4-8P 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		0 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL 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 computer link unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	• • • •		
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL00 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-C30R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C10R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C100R4-8P		0 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL 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 computer link unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	• -		
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL00 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P 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-C300R4-6C GT01-C10R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C10R4-8P 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 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV_CBL 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 computer link unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU	•	•	• • • •		
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL00 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P 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-C300R4-6C GT01-C10R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C10R4-8P 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 0 -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 A/A6BT-G4-S3 and GOT For connection between QnA/AFXCPU (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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	•	•	• • • •		
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C300R4-8P 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 GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between AA/ACPU/motion unit and GOT For connection between AA/ACPU/DEL 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 (MJ71QC24(N)-R4) and GOT For connection between SECPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board and GOT	•	•	• • • •		
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C300R4-8P 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 GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 FA-CNV CBL and GOT For connection between PA-CNV CBL and GOT For connection between PA-CNV CBL and GOT For connection between AdsBT-GA-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 computer link 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 communication function extension board and GOT For connection between FXCPU communication function extension board and GOT	•	• - - •	• •	-	
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) QnA/A/FXCPU direct connection cable Computer link connection cable EXCPU direct connection cable FX communication function extension board connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-25P GT09-C30R4-25P GT09-C30R4-25P GT09-C30R4-25P GT09-C30R4-25P GT01-C30R4-25P GT01-C10R4-8P 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 GT10-C30R4-8P		0 0 - -	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 An/A6SBT-G4-S3 and GOT For connection between An/A6SBT-G4-S3 and GOT For connection between An/A6SBT-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 computer link 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 FXCPU communication function extension board and GOT For connection between FXCPU communication function between derived and GOT For connection between FXCPU dommunication function extension board and GOT For connection between FXCPU communication function extension board and GOT For connection between FXCPU and G0T/personal computer (GT SoftGOT100) (D-sub 9-pin)	• • • • • •	•	• • •	-	
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) direct connection cable Computer link connection cable EXCPU direct connection cable FX communication function extension board connection cable EX communication function extension board connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C300R4-8P 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 GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV/CBL and GOT For connection between AA-CNV/CBL and GOT For connection between AA-GNV/CBL and GOT For connection between AA-GNV/CBL and GOT For connection between AGGN For connection between serial communication unit 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 communication function extension board 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 function extension board and GOT For conne	•	• - - •	• •	-	
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link connection cable FX communication function extension board connection cable Connection cable QCPU direct connection cable QCPU direct connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL05 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-8C GT09-C30R4-8C GT09-C30R4-8C GT09-C30R4-8C GT01-C10R4-8P 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 GT10-C30R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable For connection between QA/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 A/ASBT-G4-S3 and GOT For connection between QnA/AFXCPU (D-sub 25-pin connector) 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 (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 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 (GI SoftG0T1000) (D-sub 9-pin) 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 co	• • • • • • •	· - - · ·	• • • •	- +3 - - - - -	
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errite core set for <i>i</i> S-422 conversion S-485 terminal b	A bus cable (two-pack) cable (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link connection cable FX communication function extension board connection cable Connection cable QCPU direct connection cable QCPU direct connection cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL05 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-8C GT09-C30R4-8C GT09-C30R4-8C GT09-C30R4-8C GT01-C10R4-8P 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 GT10-C30R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV_CBL and GOT For connection between AA-CNV_CBL and GOT For connection between AA/AFXCPU (D-sub 25-pin connector) 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 (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 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 PXCPU and GOT For connection between PXCPU and Hardy GOT For connection between QCPU and GOT perion design software) (D-sub 9-pin, female) and GOT (MINI-DIN 6-pin, male)	• • • • • • •	· - - · ·	• • • •	- +3 - - - - -	
errite core set for <i>i</i> S-422 conversion S-485 terminal b	A bus cable (two-pack) cable (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link connection cable FX communication function extension board connection cable FX communication function extension board connection cable Connection cable QCPU direct connection cable Data transfer cable	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-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 GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) 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 AA-CNV/CBL and GOT For connection between AA-CNV/CBL and GOT For connection between AA-GNV/CBL 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 FXCPU computer (GT StoffOT100) (D-sub \$pin) For connection between FXCPU and GOTpersonal computer (GT stoffOT100) (D-sub \$pin) For connection between FXCPU and GOT For connection between FXCPU and GOT	• • • • • • •	· - - · ·	• - - • • • •		
errite core set for <i>i</i> S-422 conversion S-485 terminal b	A bus cable (two-pack) cable (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link Connection cable FX communication function extension board connection cable QCPU direct connection cable Data transfer cable FX communication function	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-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 GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable For connection between QA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between QA/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 QA/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 SCPU (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 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 PXCPU communication function extension board and GOT <	• • • • • • •	· - - · ·	• - - • • • •		
errite core set for <i>i</i>	A bus cable (two-pack) cable (TET) lock conversion unit (TET) lock conversion unit (TET) lock conversion unit (TET) 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 Data transfer cable QCPU direct connection cable FX communication function cable EX communication function extension board connection function	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT0-C30R4-8C GT09-C100R4-8C GT09-C200R4-6C GT09-C30R4-8P GT01-C100R4-8P 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 GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P GT10-C300R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable For connection between QA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between QA/ACPU/CBL and GOT For connection between PA-CNV CBL and GOT For connection between QA/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 (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 SEXCPU (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 function extension board and GOT For connection between PXCPU and GOT/personal computer (GT SoftGOT1000) (D-sub 9-pin) For connector between QCPU and GOT For connector		· - - · ·	• - - - - - - - - -		
errite core set for <i>i</i> S-422 conversion S-485 terminal b	A bus cable (two-pack) cable (TET) lock conversion unit (TET) direct connection cable Computer link connection cable Computer link Connection cable FX communication function extension board connection cable QCPU direct connection cable Data transfer cable FX communication function	GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-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 GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) and RS-422 cable (D-sub 9 pins) For connection between RS-422/485 (connector) and terminal block conversion cable For connection between QA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between QA/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 QA/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 SCPU (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 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 PXCPU communication function extension board and GOT <	• • • • • • •	· - - · ·	• - - • • • •		

Cables

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	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	-	and C
External	and operation switch	GT11H-C100-37P	10m		anu c
connection cable	connection cable	GT11H-C30	3m		For c
		GT11H-C60	6m	-	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		01111-013114-231	1.511		For co
Telay bable	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
			0.0		and C
External I/O unit co	onnection conversion cable	GT15-C03HTB	0.3m		For co
					interfac
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.

Colore 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	1	Connection cab			
		GT09-C30R20103-25P	3m	1	Base mount typ			
	Cable for	GT09-C30R21101-6P	3m	1	PLC CPU: KV-7			
	KEYENCE PLC	GT09-C30R21102-9S	3m		Multi-communic			
	REFENCE FEC	GT09-C30R21103-3T	3m	1	Multi-communic			
	Cable for	GT09-C30R20601-15P		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		Digital indicating				
	Cable for	GT09-C30R20501-9P	3m		PLC CPU: T2E			
	TOSHIBA PLC	GT09-C30R20502-15P	3m		PLC CPU: T2N			
S-232 able	Cable for Hitachi Industrial Equipment Systems PLC	GT09-C30R20401-15P	3m		PLC CPU: H-40 Intelligent serial			
	Equipment Systems PLC	GT09-C30R20402-15P	3m		PLC CPU: H-40			
	Cable for Hitachi PLC	GT09-C30R21301-9S	3m		Communication			
	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	1	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: FP			
		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		PLC CPU: MP9			
		GT09-C30R20205-25P	3m		MEMOBUS mo Yokogawa Elec			
		GT09-C30R20301-9P	3m	1	CPU port/D-sub			
	Cable for	GT09-C30R20302-9P	3m	1	Personal comp			
	Yokogawa Electric PLC	GT09-C30R20305-9S	3m	1	PLC CPU: NFC			
	Cable for Yokogawa Electric temperature controller	GT09-C30R20304-9S	Зm		Converter: ML2			
	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			

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 #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 cable 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	-	-	-		-				
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)			-	-	-				

GOT connection destination	Applicable model *2							
		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					*4			
e host link unit: C500-LK201-V1								
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				4.0				
terface capsule: FFK120A-C10				*3				
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			
OGIC-8					44			
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					_			
-								
00 series Converter: 1761-NET-AIC								
					*4			

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For Op

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Adjustment Operators For Maintenance

GT10

Handy GOT

GT SoftGOT1000 Version2

iQ Platform

MELSEC Process Co + GOT1000

List of Connecta Models, etc.

Cables for third party FA devices

Product n	ame	Model name	Cable	products	GOT connection destination		Applic		iodel Handw	*2
			length	*1		GT16	GT15	GT11	GOT	G
		GT09-C30R40101-9P	3m		PLC CPU: CV500/CV1000/CV2000/CVM1					
		GT09-C100R40101-9P	10m		Serial communication unit: CJ1W-SCU41					
		GT09-C200R40101-9P	20m		Serial communication board: CQM1-SCB41/CS1W-SCB41					
		GT09-C300R40101-9P	30m							
		GT09-C30R40102-9P	3m							
Cable for		GT09-C100R40102-9P	10m		Base mount type host link unit: C200H-LK202-V1/C500H-LK201-V1					
OMRON PL	_C	GT09-C200R40102-9P	20m		Communication board: C200HW-COM03/COM06					
		GT09-C300R40102-9P	30m							
		GT09-C30R40103-5T	3m							
		GT09-C100R40103-5T	10m		Ormania the sector OPAW OFFAA					
		GT09-C200R40103-5T	20m	1	Communication board: CP1W-CIF11					
		GT09-C300R40103-5T	30m	1						
		GT09-C30R41101-5T	3m							
Cable for		GT09-C100R41101-5T	10m							
KEYENCE	PLC	GT09-C200R41101-5T	20m	1	Multi-communication unit: KV-L20/L20R port 2					
		GT09-C300R41101-5T	30m	1						
		GT09-C30R40601-15P	3m	1						
		GT09-C100R40601-15P	10m	1						
		GT09-C200R40601-15P	20m	1	PLC CPU: JW-22CU/70CUH/100CUH/100CU					
		GT09-C300R40601-15P	30m				1 '			
		GT09-C30R40602-15P	30m 3m	-		_				
Coble for			-	1				1		
Cable for	<u>_</u>	GT09-C100R40602-15P	10m	1	PLC CPU: JW-32CUH/33CUH					
SHARP PL	0	GT09-C200R40602-15P	20m	1						
		GT09-C300R40602-15P	30m	1						
		GT09-C30R40603-6T	3m	4						
		GT09-C100R40603-6T	10m	4	Link unit: JW-21CM/10CM/ZW-10CM					
		GT09-C200R40603-6T	20m	4						
		GT09-C300R40603-6T	30m	1						
		GT09-C30R41201-6C	3m							
Cable for		GT09-C100R41201-6C	10m	1	PLC CPU: PC3J/PC3JL					
JTEKT PLC	;	GT09-C200R41201-6C	20m	1	Communication module: PC/CMP2-LINK					
		GT09-C300R41201-6C	30m	1						
		GT09-C30R40501-15P	3m			_				
		GT09-C100R40501-15P	10m	1						
		GT09-C200R40501-15P	20m	1	PLC CPU: T2/T3/T3H/model3000(S3)					
		GT09-C300R40501-15P	30m							
		GT09-C30R40502-6C	3m	1		_				
Oshla far			10m	-						
Cable for		GT09-C100R40502-6C		-	PLC CPU: T2E/model2000(S2)					
TOSHIBA F	LC	GT09-C200R40502-6C	20m	-						
		GT09-C300R40502-6C	30m	0		•		•	*3	
		GT09-C30R40503-15P	3m	. ~		-	-	-		
		GT09-C100R40503-15P	10m		PLC CPU: T2N			1		
		GT09-C200R40503-15P	20m							
		GT09-C300R40503-15P	30m							
Cable for		GT09-C30R40401-7T	3m							
Hitachi Indu	ustrial	GT09-C100R40401-7T	10m		Intelligent serial port module: COMM-H/COMM-2H					
	Systems PLC	GT09-C200R40401-7T	20m							
Equipment	Systems PLC	GT09-C300R40401-7T	30m	1						
		GT09-C30R41301-9S	3m	1						
Cable for		GT09-C100R41301-9S	10m	1	PLC CPU: LQP510					
Hitachi PLC	;	GT09-C200R41301-9S	20m	1	Communication module: LQE565/LQE165					
		GT09-C300R41301-9S	30m	1						
Cable for		GT09-C30R41001-6T	3m	1						
Fuji Electric	FA	GT09-C100R41001-6T	10m	1	RS-232C/485 interface capsule: FFK120A-C10					
Component		GT09-C200R41001-6T	20m	1	General interface module: NC1L-RS4/FFU120B					
Systems PL		GT09-C300R41001-6T	30m	1						
Gysterns PL			30m	1						\vdash
		GT09-C30R40201-9P	-	1						
		GT09-C100R40201-9P	10m	1	MEMOBUS module: JAMSC-120NOM27100/JAMSC-IF612					
		GT09-C200R40201-9P	20m	4						
Cable for		GT09-C300R40201-9P	30m	4		_				
Yaskawa E	lectric PLC	GT09-C30R40202-14P	3m	4						
		GT09-C100R40202-14P	10m	1	PLC CPU: MP940					
		GT09-C200R40202-14P	20m	1						
		GT09-C300R40202-14P	30m]						
		GT09-C30R40301-6T	3m]						
		GT09-C100R40301-6T	10m]	Personal computer link module: F3LC11-2N					
		GT09-C200R40301-6T	20m	1	r ersonar computer ink mouule. FSLOTT-ZN					
	DI O	GT09-C300R40301-6T	30m	1						
	PLC	GT09-C30R40302-6T	3m		-					
		GT09-C100R40302-6T	10m	1						
	able for	GT09-C200R40302-6T	20m	1	Personal computer link module: LC02-0N					
Cable for				1						
Yokogawa		GT09-C300R40302-6T	30m	4						
Electric		GT09-C30R40303-6T	3m	4						
		GT09-C100R40303-6T	10m	1	Temperature controller: GREEN series					
		GT09-C200R40303-6T	20m	1						
	Temperature	GT09-C300R40303-6T	30m							
	controller	GT09-C30R40304-6T	3m]						
			10m	1	Temperature controllers LIT0000					
		GT09-C100R40304-6T								
		GT09-C100R40304-61	20m	1	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.
 - 3 When the Mitsubishi product is assembled into a user's device, Failure that could have been avoided if functions or structures, judged as necessary in the legal safety measures the user's device is subject to or as necessary by industry standards, had been provided.
 - (4) Failure that could have been avoided if consumable parts 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.

GT10



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.

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