

Mitsubishi Graphic Operation Terminal



August 2010

GOT1000 General Catalog



Looks Great, Saves Time





The GOT1000 series keeps time on the operation side.

With new products coming and going very quickly in rapidly changing markets, "time" is the key to staying competitive and being 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.

successful. This is why the GOT1000 is all about saving time.

to reduce downtime?



GRAPHIC OPERATION TERMINAL TO THE CONTROL OF THE CO

GOTs evo lve the face of control.

GOT1000 GRAPHIC OPERATION TERMINAL

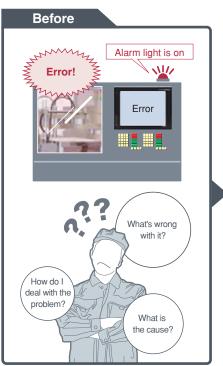


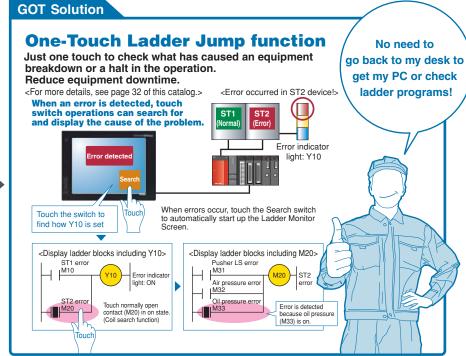
Quick response to problems. Easy facility design with the GOT1000

CASE 1

Unexpected errors solved with a GOT.

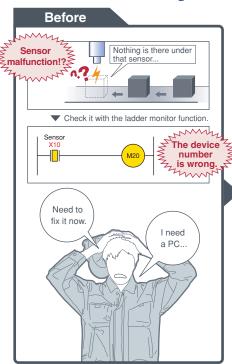
Quick and direct troubleshooting at the worksite.

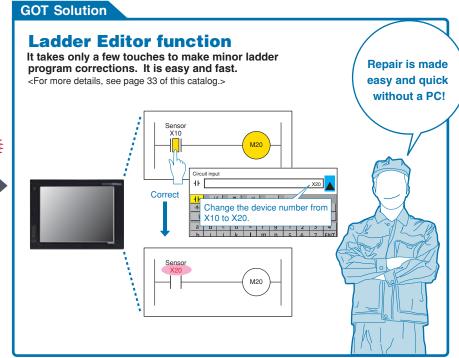




CASE 2

Use GOT to correct simple ladder programs. Quick recovery! No need for PCs!

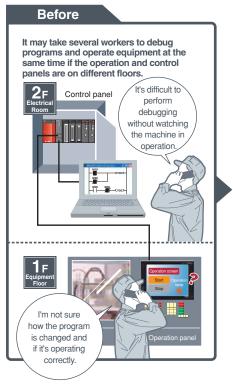


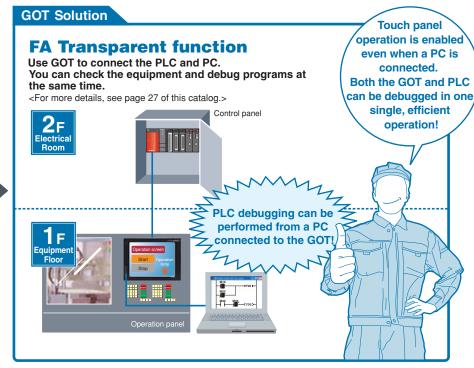


series. A comprehensive solution to production site problems.

CASE 3

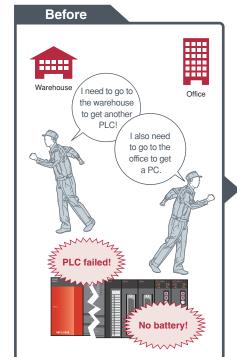
Smooth debugging even when operation & control panels are separate.

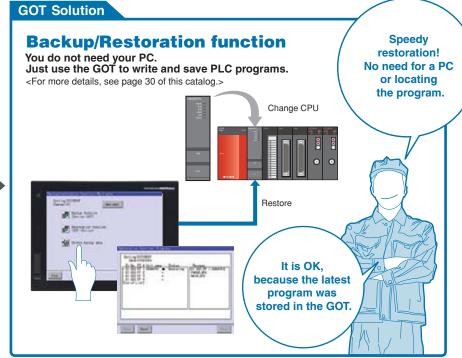




CASE 4

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





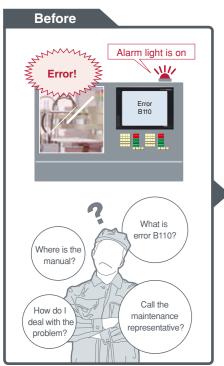
GOT1000 GRAPHIC OPERATION TERMINAL.

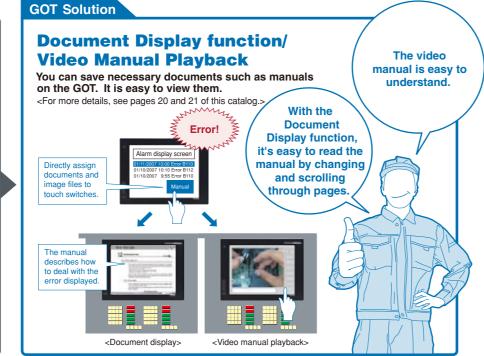


CASE

View manuals on the GOT screen.

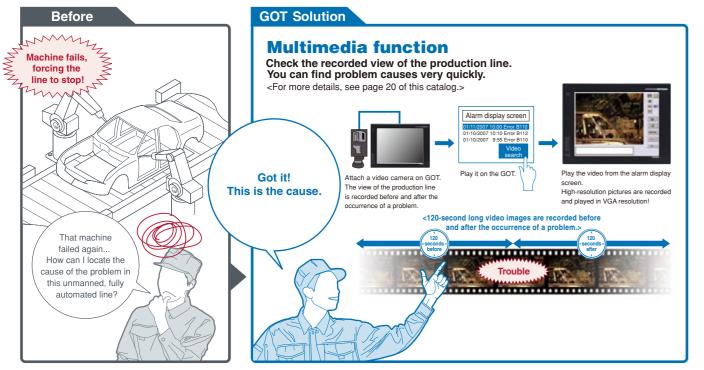
It is so fast to find the information to fix a problem.





CASE 6

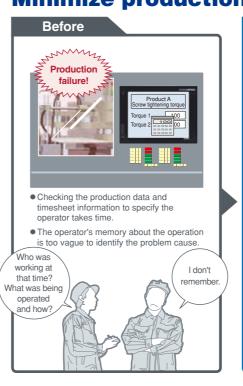
Use the GOT to record and play back motion images of the production line. Clear pictures help analyze the source of problems!

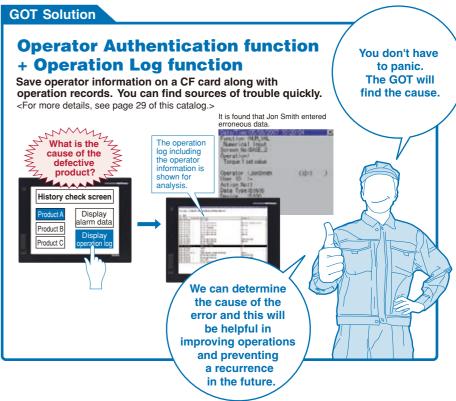


CASE 7

Quickly detect the cause of the problem.

Minimize production loss when a problem occurs.

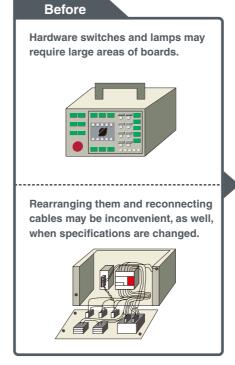


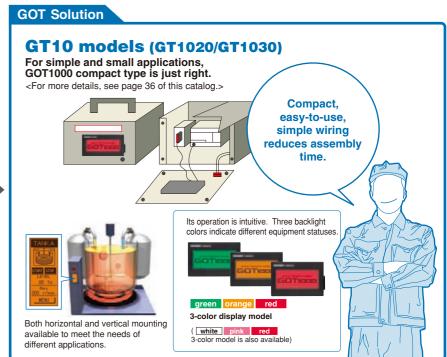


CASE

Compact types are also available!

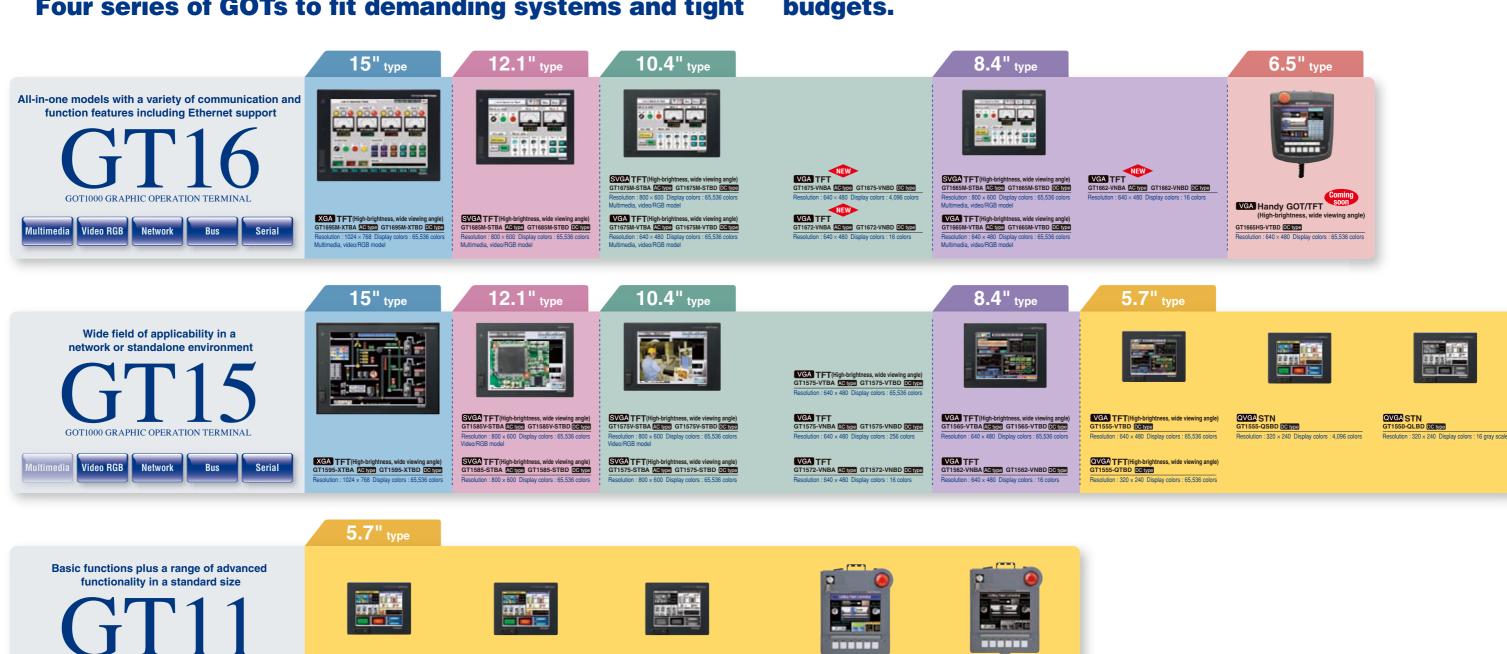
Required space is minimal. You can use it just about anywhere.





GOTIODO

Four series of GOTs to fit demanding systems and tight budgets.





*: For a detailed description of the functions of GT10 models, see pages 36 - 37



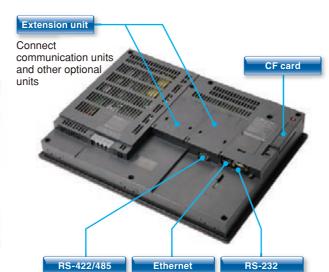
The lineup that fits in with any production line. Find your GOT with the right functions, size, and features.

All-in-one models with a variety of communication and function features including Ethernet support.

* See page 12 for GT16 Handy.

- User memory capacity: 15MB (GT16□□-VNB□ : 11MB)
- USB host and USB device ports are included.
- Ethernet, RS-422/485, and RS-232 interfaces are supported as standard interfaces.
- A multimedia unit and a video/RGB unit are supported.*
- Featuring an analog touch panel
- * : Excluding GT16□□-VNB□



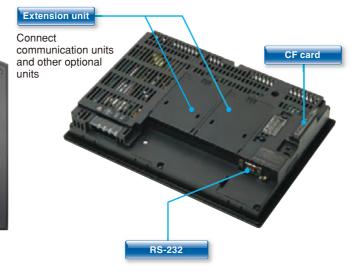


Wide field of applicability in a network or standalone environment

Options

- User memory capacity: 9MB (GT15□□-VNB□: 5MB)
- USB device port is included.
- The RS-232 interface is supported as a standard interface.
- A video/RGB unit is supported.





Basic functions plus a range of advanced functionality in a standard size

- User memory capacity: 3MB
- USB device port is included.
- The RS-232 interface is supported as a standard interface.

Choose between two standard interface models for network connection: the RS-422/485 interface model or the bus interface model.





GT10

Compact for a display device with rich functionality

GT1050/GT1040

- User memory capacity: 3MB
- A USB device is included.
- RS-422/485 and RS-232 interfaces are supported as standard

GT1030/GT1020

- User memory capacity: 1.5MB (GT1030)/512KB (GT1020)
- Three-color LED backlight indicates the equipment status
- The RS-422/485* interface or the RS-232 interface is supported as a standard interface.
- * : Only the RS-422 interface for the 5VDC type





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Rich functionality and high performance in the palm

GT16
Handy GOT

65,536 vivid colors on a big VGA screen

The light body includes the latest GT16 functions

Extremely easy handling and operation in one hand

Standard Ethernet interface enables long-distance communication

- User memory capacity: 15MB
- USB host and USB device ports are included.
- Ethernet, RS-422/485, and RS-232 interfaces are supported as standard interfaces.
- The latest GT16 functions are available, including various types of monitoring and ladder editing functions.





of your hand

Ergonomic design allows you to change the angle of the handle.

Various types of switches are available

- Operation switches with LEDs (6)
- Emergency stop switch
- Selector switch with key
- Three-position deadman switch

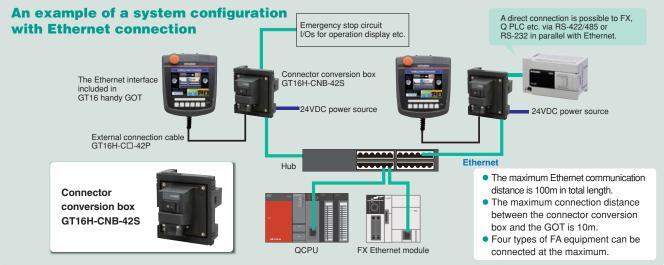


Various types of external connection interfaces are available as standard interfaces

- USB host and USB device
- CF card interface
- RS-422/485 and RS-232 interfaces (switchable)
- Ethernet interface

Options

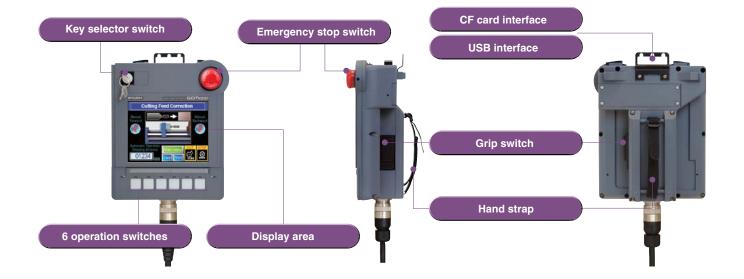
Emergency stop switch guard cover connection cable



GT11 Handy GOT

Portable 5.7" operation terminal

GT1155HS-QSBD GT1150HS-QLBD





Use a personal computer or panel computer as a GOT. Software recreates various GOT functionality.

HMI software for the GOT1000 series



GT SoftGOT1000

GT SoftGOT1000 is the HMI software that provides GOT functions on personal computers and panel computers.

This software connects with various types of equipment such as Mitsubishi PLCs and let you see screens just like the GOT1000 series.

You can also reuse GOT's project data without modification.

Along with all the advantages of a GOT, you can also enjoy the convenience and flexibility of personal computers and panel computers.

A license key is required on your PC's parallel port or USB port while using this software.

* GT SoftGOT1000 Version3 software included with the GT Works3 software suite.



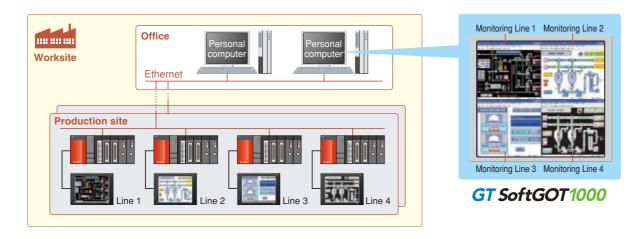
Monitor the production site from a remote location

Reduce downtime

Use GT SoftGOT1000 to monitor the production site from your office. You can collect information quickly when a problem occurs, taking necessary actions immediately.

Use GOT project data from the production site

You can reuse project data of the GOT at your production site as the project data of GT SoftGOT1000 to reduce the design cost.



Connect with MELSEC process control for process control applications

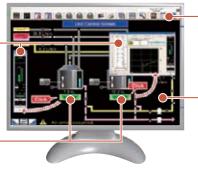
You can connect GT SoftGOT1000 to the monitor tools of the Engineering Environment PX Developer for design and maintenance work for process control. In this way, a process control monitoring system can easily be constructed.

PX Developer window screens and other tools

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

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.)



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.

Link with other applications to construct a high-performance system

You can use a user-created application to read and write information to and from internal devices of GT SoftGOT1000. By linking data with user applications such as a data logger, you can construct a high-performance system package. You can also use a touch switch on the GT SoftGOT1000 monitor to launch another application.

<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)

The SoftGOT-GOT link function enhances the linkage to your onsite GOT



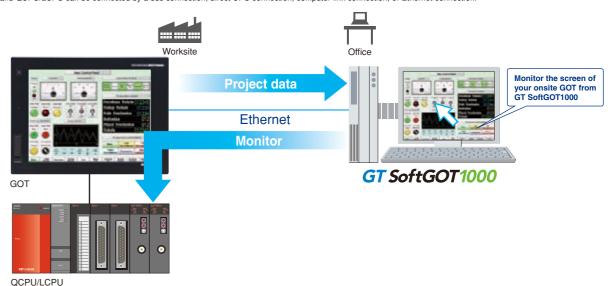
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Monitor the screen of your onsite GOT from GT SoftGOT1000

Connect GT SoftGOT1000 with GOT by an Ethernet connection.

Use the GOT's project data with GT SoftGOT1000 to monitor connected equipment.*

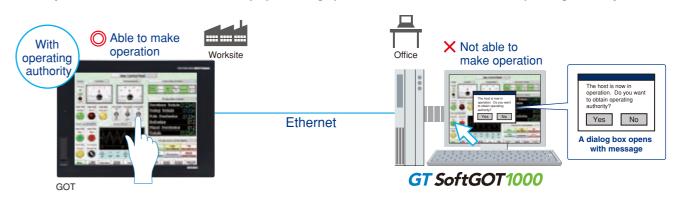
*: Only CH1 can be monitored when GOT is connected via multi-channels. GOT and QCPU/LCPU can be connected by a bus connection, direct CPU connection, computer link connection, or Ethernet connection.



Prevent simultaneous operations from GT SoftGOT1000 and GOT

Operation of an input object (e.g. touch switch, numerical input) is allowed by either GT SoftGOT1000 or the GOT, whichever has operating authority.

When one terminal does not have operating authority, a dialog box opens to show that the other terminal has operating authority. This exclusive control method keeps prohibiting operation until the terminal obtains operating authority.

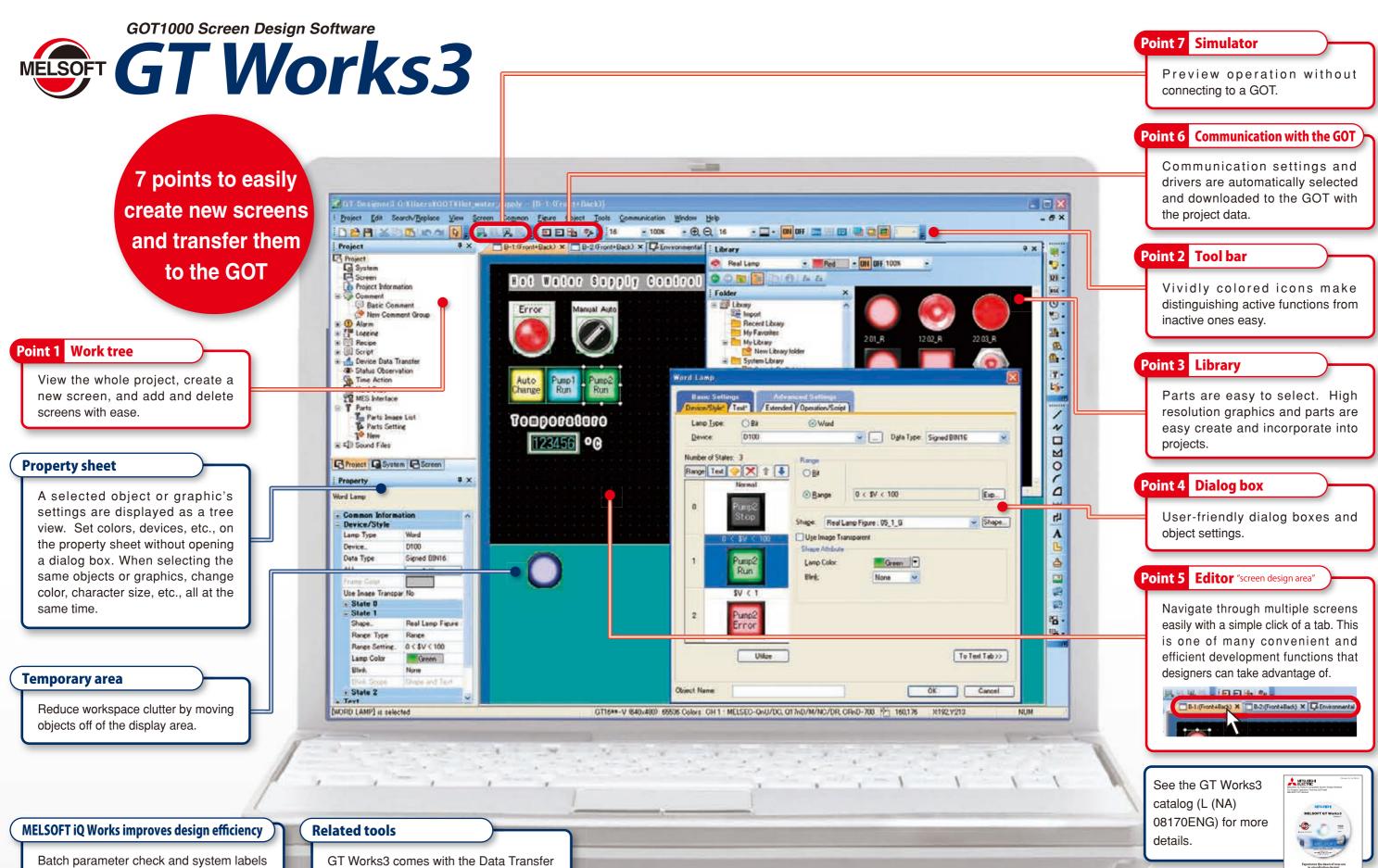


See "List of connectable models" (page 55), "Function list" (page 56), and "Notes for use (Operating environment)" (page 71).





More intuitive. No more wasted time. The screen design software optimized for usability.



16

of MELSOFT Navigator are supported.

Tool, GT Converter2, and other tools.

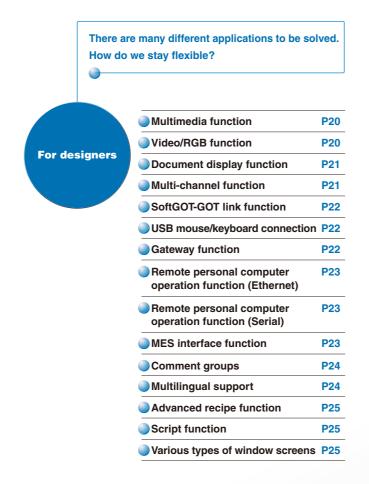


The GOT1000 series provides a variety of functions to satisfy user requirements

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 most dependable HMI for their facilities. To satisfy all of our customers, we are constantly developing more and more functions for the GOT1000 series.

INDEX ● For Designers P20 ● For Initial Startup & **Adjustment Operators** For Maintenance Personnel P28 GT10 P36 iQ Platform P38 MELSEC Process Control + GOT1000 P39 Specifications P40 External Dimensions P47 List of Connectable Models P51 Function List P56 Product List P60 Notes for Use P67 Warranty P72



Efficiency requires both fast data transfer as well as user-friendly functions. P26 Drawing, computing, communication; a trio of For initial high-speed response functions startup & operations Backlight brightness adjustment P26 Color-coded front face LED P26 Maintenance time notification function Equipped with front USB interface P27 FA transparent function **P27**

To restore a system as quickly as possible, response capabilities for "just in case" situations are the key to selecting a HMI display. P28 Logging function/ Historical trend graph Log viewer function P28 personnel Operator authentication function P29 P29 Operation log function Backup/restoration function P30 Advanced alarm P31 Ladder monitor function P32 SFC monitor function P32 Ladder editor function Motion SFC monitor function P33 P34 System monitor function Network monitor function P34 Intelligent unit monitor function P34 MELSEC-L troubleshooting function Q series motion monitor function P35 Servo amplifier monitor function P35 CNC monitor function/ CNC data I/O function

List editor for A/List editor for FX P35





Freedom to use motion images and connection with various devices offer greater possibilities

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



Multimedia function

Recording audio and video

Clear view before and after the trouble occurrence <Recording pre/post event motion images>

 Capable of recording motion images for 120 seconds before and after an error occurrence (when the event trigger device turned on), up to 240 seconds in total.



High resolution recorded image (standard mode)

- Smooth, high resolution video can be recorded.
- Video size and frame rate
- Maximum 15 fps in VGA (640 x 480)
- Maximum 30 fps in QVGA (320 x 240)

For additional recording time (extended mode)

- Over two days of video can be recorded.
- Video size QVGA (320 x 240); frame rate 15 fps

Playing back motion image files

Check the motion image before and after the occurrence of a problem, and diagnose the cause immediately.

- The motion image recorded on site is saved in the CF card of the GOT's multimedia unit and can be played back immediately after being recorded.
- The motion image files saved in the CF card can be sent to your personal computer over the Ethernet interface of the GOT's multimedia unit. You can then view the motion image on your personal computer.
- Fast forward and slow motion playback functions are also available.

Use as a video guidebook for work tasks

- •The GOT plays back motion image files that are created by your personal computer. Since the GOT is compatible with standard formats, commercially available software can be used to create motion image files.
- <Applicable software programs> Quick Time 7 Pro <Compatible file formats> 3GP and MP4

High-quality images with 65,536 colors provide precise detail



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Video/RGB function

Enhanced compatibility with cameras and inspection devices <Video input>

Input images from up to four video cameras and inspection devices are simultaneously and cleanly displayed in four windows in 65,536 colors. Images can be saved in JPEG format.



Play back motion images recorded by the GOT on a personal computer!

The dedicated multimedia screen is available for recording and playback. Reduce your screen design time!

- * : Not supported by GT16□□-VNB□, GT16 Handy
- *: The multimedia data link tool and multimedia data link FTP services are necessary to transmit motion image files to a personal computer.
- Only one of the following devices can be used at one time: multimedia unit, video
- input unit, RGB input unit, video/RGB input unit or RGB input unit.

The multimedia data link tool and multimedia data link FTP service are multimedia-dedicated software programs included with GT Works3.

An optional device may be necessary.
For details, see "Selection of optional units and devices" (page 67).

Displays PC images on the GOT <RGB input>

• Images on a personal computer display screen appear on the GOT simultaneously with the GOT's screen. RGB input of up to 2 channels is available when using the GT16M-R2.

Display the GOT screen on a display <RGB output>

- Connect to a commercial display so that the GOT screen can be displayed larger.
- *: Not supported by GT16 VNB , GT16 Handy.
- *: Only one of the following devices can be used on the GT16 at one time; video input unit, RGB input unit, video/RGB input unit, RGB output unit, or multimedia unit,
- Only the GT1585V and GT1575V for the GT15 series. Only one of the following devices can be used at one time; video input unit, RGB input unit, video/RGB input unit, or RGB output unit.

Display various documents on the GOT at the worksite



16 15 Document display function

 When a system error occurs, referring to recovery methods in check lists and/or manuals on the GOT can reduce downtime.

- Pages can be changed, scrolled through, enlarged or reduced, and multi-page documents can be displayed.
- The document converter that comes with GT Works3 is used to format documents to be displayed and save them to CF cards as JPEG files.
- Supported file formats : .doc, .xls, .ppt, .pdf, .jpg, .bmp



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



Central storage of FA device information on a single GOT terminal



Multi-channel function

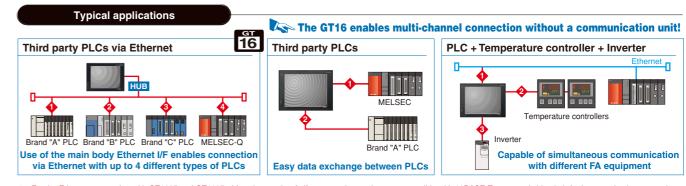
- Monitor up to 4 channels of FA devices (e.g. PLCs, servos, inverters, and temperature controllers).
- Easy device transfer between connected devices. Use GT Works3 to specify triggers for source and destination devices for device transfer. (Device data transfer function)

The GOT1000 Series connects with PLCs, microcomputers, and other various devices. More models from more manufactures will be supported in the future.

See "List of connectable models" (page 51), for more details on supported models of

For various types of peripherals.

- General-purpose MODBUS®/RTU devices External devices (operation panels, switches, lamps, etc.)
- Two-dimensional code readers, barcode readers RFID readers, IC card readers Speakers Video cameras
- Displays (RGB output) PCs (RGB input) Serial printers PictBridge printers



- *: For the Ethernet connection with GT1695 and GT1685 of function version A, if connected to equipment compatible with 10BASE-T, use a switching hub for its operation in a network
- *: 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 67).

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67)

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67).

For designers

Transfer operation data in production lines in real time to host information systems.

A sophisticated information link improves productivity.

Monitor the screen of the onsite GOT from your



- Connect GT SoftGOT1000 with the GOT with an Ethernet connection. Use the GOT's project data with GT SoftGOT1000 to monitor connected equipment.*
- Operation of an input object (e.g. touch switch, numerical input) is allowed by either the GT SoftGOT1000 or GOT, depending on which has operating authority. When one terminal does not have operating authority, a dialog box opens to show that the other terminal has operating authority.

This exclusive control prevents operation until the terminal obtains operating authority.

*: Only CH1 can be monitored when GOT is connected via multi-channels. GOT and QCPU/LCPU can be connected by a bus connection, direct CPU connection, computer link connection, or Ethernet connection.

See "GT SoftGOT1000" (page 14), for more details.

Be alerted about worksite errors and collect device data from the office

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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 third party devices are connected, MX Component can read and write the devices through the GOT using the server function.
- $\ensuremath{\boldsymbol{\ast}}$: The collected data can be displayed and analyzed by Excel without using any programs other than MX Sheet. Programming with Visual C++ and Visual Basic enables applications to be flexibly designed and built. See the MELSOFT catalog (L (NA) 08008) for more details.

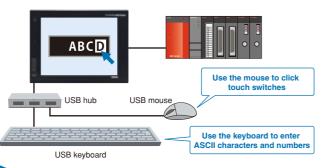
2 Monitor other GOTs from a GOT (client function)

- A GOT (client) indirectly reads/writes device values of equipment monitored by another 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.

Connect your mouse/keyboard to the front USB

USB mouse/keyboard connection NEW

• In a user-created screen, you can use your mouse to click touch switches and your keyboard to enter ASCII characters and numbers.



This is convenient when you need to operate small switches or enter many characters.

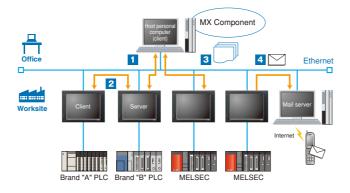
* : Not supported by GT16 Handy

3 Direct check/edit of data in the 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.

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.

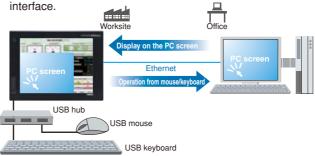


An optional device may be necessary For details, see "Selection of optional units and devices" (page 67).

Operate a remote PC from an onsite GOT



- A personal computer at a remote location can be operated from an onsite GOT when they are connected via Ethernet.
- A USB mouse/keyboard can be connected to the front USB



You can view files such as manuals stored on your personal computer, or you can use browsers and engineering tools.

- *: Not supported by GT16□□-VNB□, GT16 Handy
- *: The license key (GT16-PCRAKEY) is necessary

Database linkage support enhances productivity at your worksite

16 15

More cost for installing a gateway personal

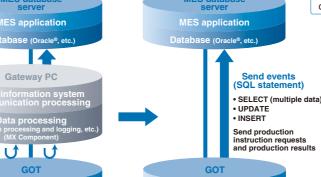
MES interface function

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 Works3 without programming. There is no need to use a gateway personal computer and complicated programs to communicate with the MES database server.

When MES interface function is used No need for gateway personal computer or database

MES interface function



 SNTP time synchronization function • Resource data transmission function • Diagnosis function

*: Not supported by GT16□□-VNB□, GT16 Handy

- DB server function (ODBC connection function / connection setting function / log output function)

• DB link function (tag function / trigger buffering function / trigger monitor function / SQL

calculation processing function / program execution function / DB buffering function)

statement transmission function <SELECT / SELECT multiple data / UPDATE / INSERT> /

Operate a personal computer from the GOT touch

When using RGB input, operate a personal computer screen

information such as touched coordinates in GOT internal

RGB input

(Displays PC screen on GOT

Windows® XP Professional SP2, Windows® XP Home Edition SP2,

displayed on the GOT by touch operation (e.g. store

devices, transmit the data to a personal computer).

Windows[®] 2000 Professional SP4

*: Supported only on the GT1585V and GT1575V models in the GT15 series.

An optional device may be necessary.
For details, see "Selection of optional units and devices" (page 67).

Remote personal computer

operation function (Serial)

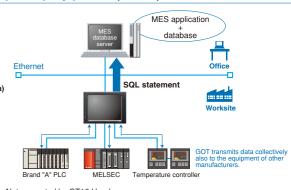
Usable databases

MES interface function

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- Oracle® 8i/9i/10g
 Microsoft® Access 2000/2003/2007
- Microsoft® SQL Server 2000/2005
- Microsoft® SQL Server 2000 Desktop Engine (MSDE2000)
- Wonderware® Historian 9.0
- Compatible only with 32-bit versions.

<MES (Manufacturing Execution System)> A manufacturing execution system (MES) is a system which controls and manages production processes at a worksite in order to optimize quality, productivity, delivery date, and cost.



*: Not supported by GT16 Handy



An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67)

Mitsubishi Electric e-F@ctory presents the appropriate products to connect production information and MES (manufacturing execution system) to improve productivity of clients' plants.

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Efficient input of extensive comment data

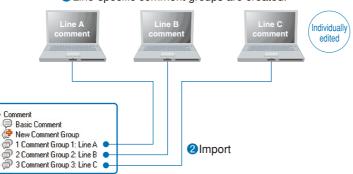
Comment groups

 CSV/Unicode text format files can be imported. Multiple files can also be imported to individual comment groups, allowing the task of inputting comments to be distributed among several workers, greatly reducing the required input time.

Management of project data line by line is no longer required.

Example of comment group use

1 Line-specific comment groups are created.



 Automatically adjusts character size and inserts line feeds according to the object size.

- <Supported objects> Touch switches or lamps where "comment group" is selected for labels
 - · Comment displays where "comment group" is used



When switching languages, character string length is automatically adjusted to fit within the object.

When "1" is selected When "2" is selected When "3" is selected

3 Displayed comment group can be switched by a device.



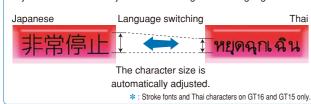
Easy creation of multilingual screens

Multilingual support

- By using comment groups, 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.
- *: Refer to "Comment groups (page 24) " for the details of comment groups.

Convenient for language switching

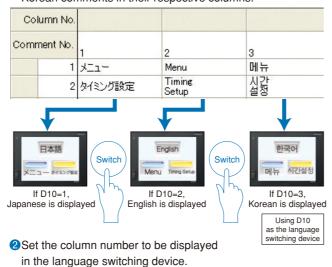
When stroke fonts are used with switching languages for touch switches, lamps or comment displays, the character size is automatically adjusted by the size of the object. There is no need to adjust the size of the object when creating a multi-language screen.



Users can quickly change the language display.

Example of switching between Japanese, English, and Korean screens

Use comment groups to create Japanese, English and Korean comments in their respective columns.



Available for touch switches, lamps, comment displays, the alarm history function, and the advanced alarm function

3 The displayed comment (language) changes.

Easily create complex recipe data

16 15 Advanced recipe function

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

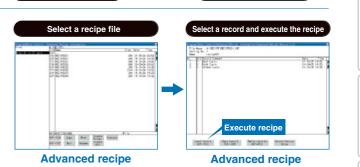
An extensive number of settings and flexible recipe data can be created

- Up to 2.048 blocks can be used, each block is comprised of sequential word devices, an arbitrary word device (1 point), and a bit device (1 point).
- 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. *
- *: 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 Works3, 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

Easy handling of recipe data using the GOT

- Recipes can be handled easily with the GOT's utility function without having to create a recipe operation screen.
- CSV/Unicode text files can be converted into binary format files on the GOT. Even without GT Works3, you can edit data on a personal computer and use it on the GOT. NEW

Advanced recipe setting Advanced recipe setting 2048 Advanced recipe setting 1: Curry



For better work efficiency and enhanced customization functions

Script function

Project script/screen script

 Control statements and file operations can be specified to a project or to individual screens.

Object script (For GT16 and GT15 only)

• Drawing functions and display control functions can be specified per object. Object functions can be expanded, for example, to change colors and display positions and to freely draw graphics.

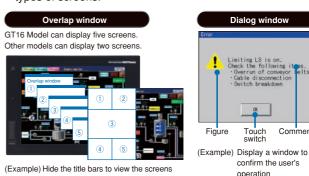
Controlling the GOT display with scripts can reduce load on the controller and enhance maintenance performance. The editor includes input support that makes it easy for you to write scripts.



record list screen

Various types of window screens

• Use overlap windows and dialog windows to create various types of screens.



as divided windows (GT16)

Key window

information screen

There is no need to create keypads for numerical input and key windows for ASCII input. When entering ASCII characters, you can switch windows to display character selection windows.



startup &

Quick response and useful standard functions provide users with straightforward operation

startup & operations

Dramatically improved GOT overall 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 load.

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 drawing operations.

High-speed computing

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

High-speed communication

• High-speed communication is possible for connections with both Mitsubishi and third party PLCs.

For connectable PLC models, see "List of connectable models" (page 51).

Backlight brightness adjustment

Adjust brightness according to surroundings

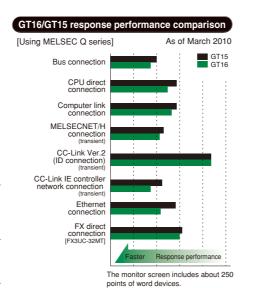
• Consider the conditions in the operation environment

the brightness of the backlight while viewing the user

By using the script function or the status monitor function.

you can automatically adjust the brightness according to

(daytime/nighttime etc.) and user comfort. You can adjust



Easy-to recognize backlight state



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

For planned commodity maintenance





16 15 Maintenance time notification function

 The cumulative 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

Warning! Backlight needs replacement soon.

An optional device may be necessary For details, see "Selection of optional units and devices" (page 67).



Easy data transmission without opening the

Equipped with front USB interface

the user with worksite-required functions

USB device (Mini-B)

- Connect the USB device (Mini-B) port to a personal computer. You do not need to open the panel to transfer operating systems and project data or to use the FA transparent function.
- $\boldsymbol{*}$: To connect the GOT to a personal computer, use the dedicated USB cable. For more details, see "Product list" (page 60).



With USB environmental protection cover installed (standard feature) IP67f

*: This does not guarantee protection in all users' environments.

Sequence program and parameters can easily be modified at the worksite

FA transparent function

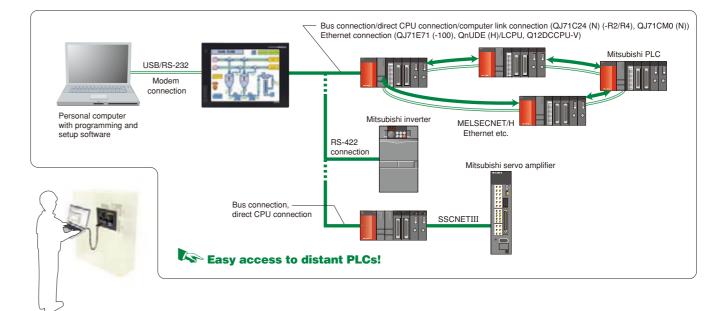
- Connected with a personal computer, the GOT acts as a transparent gateway to enable programming, start up, and adjustment of FA equipment.
- Users do not have to bother with opening the cabinet or changing cable connections. (When using the USB

USB host (Type A) (for GT16 only)

- Operating systems, project data, and resource data can be stored in a USB memory device.
- A USB mouse/keyboard can also be used by connecting to the USB host interface.
- <Example of the use of a USB memory>



- Supported software*
- MELSOFT Navigator GX Works2
- GX Developer
- GX Configurator-AD/DA/SC/CT/TI/TC/AS/FL/PT/QP
- PX Developer
- FX Configurator-FP
- FX Ethernet module configuration software • MT Works2
- MT Developer
- MR Configurator
- MR Configurator2 NEW
- FR Configurator • RT ToolBox2
- NC Configurator
- MX Component/MX Sheet NEW
- GX LogViewer NEW
- *: The version of the software depends on the system configuration.
- *: For the software access range when using the FA transparent function, refer to the manual of the software being used.



The touch switches for

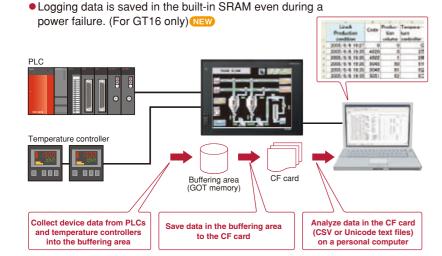
brightness adjustment

are registered in the system library.

Smooth operation from the collection of various data to storage of time-series data

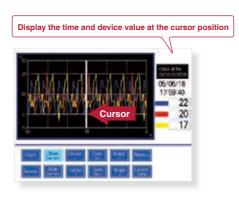
16 15 Logging function/Historical trend graph

• Collecting data from temperature controllers and other units with the GOT can reduce the load on the PLC.



Historical trend graph

- After collecting data with the logging function, you can display the data in a time
- Scroll the view or specify the time so that you can check necessary data easily.

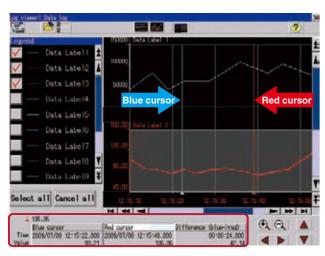


Display logging data of a LCPU and high speed data logger module on the GOT



Display logging data without a PC

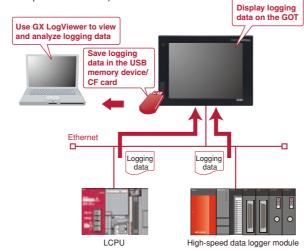
- Logging data collected by a LCPU or high speed data logger module can be displayed on the GOT.
- <Data to be displayed> Data logging (historical display)
- •By displaying two cursors (multi-cursor), changes in data can easily be checked.



You do not need to have a PC onsite. Check logging data from the GOT, and you can take corrective actions quickly.

Logging data can be collected without opening the panel —

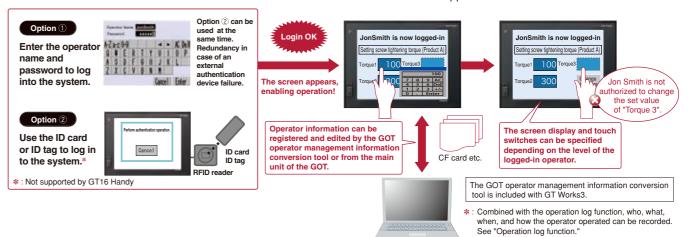
- In a USB memory device attached to the USB interface on the front of the GOT, you can save logging data of the LCPU and high speed data logger module. In this way, you can collect the logging data easily with the GOT without removing the CF card/SD card from the LCPU or high speed data logger module.
- By connecting a personal computer to the front USB interface of the GOT, you can use GX LogViewer to view the logging data on LCPU or to change logging settings. (FA transparent function)



Enhanced security system using password

16 15 Operator authentication function

- Two options are available for authentication of operators when the system starts or the screen changes.
- You can define various triggers, for example, to force operators to log out of the system automatically when a certain screen appears.



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

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67).

Very helpful for identification and analysis of causes of incorrect operation

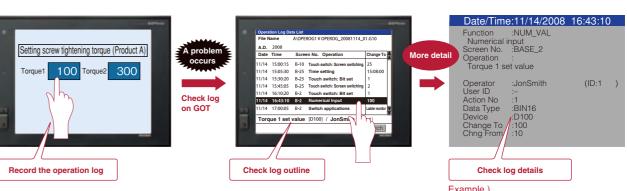
16 15 **Operation log function**

- Operations performed by operators on the GOT can be recorded with respect to time, making it possible to check when, what, and how the operation was performed.
- List operations by type and easily search for specific device and GOT operation state changes.

<Specifiable operations>

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

- Recorded log data is saved in the CF card and is available for checking on the GOT main unit or on a personal computer (CSV or Unicode text files).
- *: Use of this function together with the operator authentication function enables recording of "who" has operated. See "Operator authentication function



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

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67). At 16:43:10 on November 14, 2008, Jon Smith changed the Numerical Input data entry to change the D100 value from 10 to 100 in "Torque 1 Set Value" on the BASE_2 screen.

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16 Backup/restoration function

With backup and restore, fear troubles no more

- The sequence program and parameter data of the PLC CPU and motion controller can be backed up to the CF card in the GOT.
- Users can perform batch operation to restore the data to the PLC CPU or motion controller.

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

<Objective model> MELSEC Q-Series (excluding Q12PRH/Q25PRHCPU), L-Series. FX-Series.

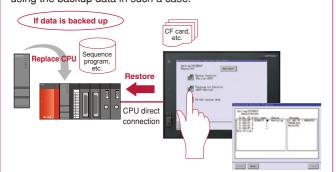
Q-Series motion controllers (SV13/SV22 only), CNC C70, Robot controller (CRn-D700, CRnQ-700)

<Usable connection type> Bus connection, CPU direct connection, computer link connection,
 Ethernet connection

The backup data conversion tool is included with GT Works3.

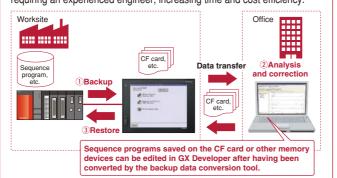
Example of use ①

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



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.

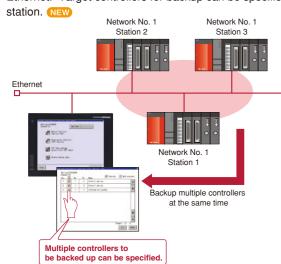


PLC CPU programs can be easily changed without a personal computer at the worksite or any previous GX Developer knowledge.

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

Backup multiple controllers at the same time —

 Multiple controllers can be backed up at the same time over Ethernet. Target controllers for backup can be specified per station.



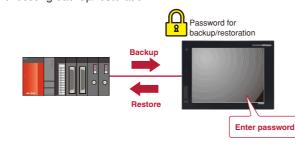
Automatic backup is available -

 Besides automatic backup from touch switches, you can specify a trigger device, a day of the week, and time for automatic backup.



Password for increased security

 Define a password to perform password authentication when executing backup/restoration.



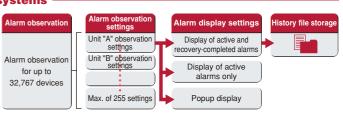
An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67).

Clear communication minimizes machine downtime even during an alarm



A wider monitoring range protects even large-scale systems

- Alarm observation is possible for up to 32,767 devices with a maximum of 255 alarm observation setting groups.
- Batch display of large amounts of alarm information in large-scale systems, and unit-specific classification for easy management.
- Alarm log data can be saved in the built-in SRAM even during a power failure. (NEW) (For GT16 only)



Rapid detection and corrective action for a wide array of alarms

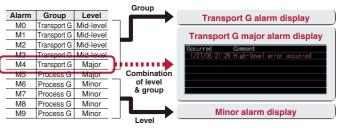
Four-step alarm notification

- 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.



Group-specific & level-specific displays

 Alarms can be classified by group and level, with only specified alarms being displayed.



Easy-to-understand display -

• The use of colors and popups produce easily recognizable alarm displays.



Improved system alarms

 The PLC/GOT/Network monitoring subject can be specified in advance, with only those specified alarms being displayed.

Support in identifying alarm causes (utility function) —

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

30

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3T10

iQ Platfo

MELSEC Process Con + GOT1000

Specifications, External Dimensions

st of Connectable Models, etc.

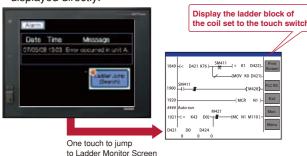
personnel

16 15 Ladder monitor function

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

Defect search with the One-Touch Ladder Jump function (Q/L/QnA series)

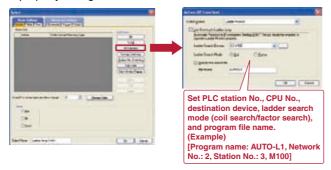
• By setting a program name and coil number of the PLC to a touch switch, the relevant ladder circuit block can be displayed directly.



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

* : Supported by XGA/SVGA/VGA models : QS series models can only monitor the ladder program of a Q/L/QnA. It cannot alter device values, for

FX3GCPU is not supported.



Wide monitoring range and useful functions make maintenance work more efficient!

- Not only connected PLCs, but also PLCs of other stations, multiple CPUs, multiple programs in the CPU, and local devices can be monitored.
- Comment data of sequence programs can be saved to a CF card in the GOT. (Q/L/QnA series)
- Device values and timer (T) / counter (C) set values can be
- Used together with the alarm history, a back-tracking ladder search can be performed to find the contact which triggered the alarm. < Defect search>
- Simply touching the Ladder Monitor screen can execute a coil search and contact point search. (Q/L/QnA series) <Touch search>

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67).

Example of touch search (when error indicator light [Y10] is on) <Display ladder blocks including Y10> <Display ladder blocks including coil M20> nally open contact (M20) in on state (Coil search function) Error is detected here because oil pressure (M33) is on

Since the source of operation halts and interlocks can be easily checked, unexpected problems can be detected quickly.

Simple and easy!

Use the GOT to correct ladder programs, no need for a PC!

16 15 Ladder editor function

Sequence programs of Mitsubishi PLC Q Series (Q Mode) and CNC C70 can be edited in the ladder format.

- *: Supported by XGA/SVGA/VGA models excluding 5.7" types.
- *: QnPHCPU/QnPRHCPU/Q50UDEH/Q100UDEHCPU are not supported.

• Search and replace of devices makes it easy to locate the

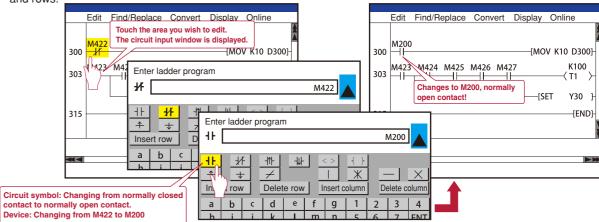
point to be edited. You can also make two or more

Ladder programs can easily be edited on the GOT at the worksite

• Just touch the portion (e.g. contact points, vertical lines) you want to edit in the ladder program. You can enter, change, or delete circuit symbols and devices. You can also insert or delete vertical lines and horizontal lines as well as columns and rows.

Statements and notes can be edited.

modifications in one operation.



Writing into PLC while it is in operation

- Edited programs can be written from GOT to a PLC even if it is in operation. You do not need to stop equipment in operation to correct ladder programs. NEW
- Remotely change the PLC's mode to "STOP" or "RUN" from the GOT.

Use the GOT to monitor a motion SFC program

16 15 Motion SFC monitor function

Motion SFC programs of the Mitsubishi Motion

• Viewing the batch program monitor or the active step list

enables you to see the complete status at a glance.

The detailed program window allows you to monitor

Controller (Q Series) can be monitored.

An optional device may be necessary.

Long access range and convenient functions for efficient maintenance!

- Besides a directly connected PLC, you can edit multiple programs on another station's PLC, multi CPU, or CPU in the same network.
- You can view current values, perform a search, and conduct a device test.
- The one-touch ladder jump function is available. This is helpful to identify problem causes.

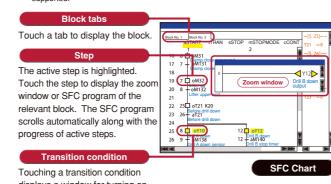
Monitor SFC programs on the GOT to make troubleshooting even easier

SFC monitor function

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

- Viewing the block list or active step list enables you to see the complete status at a glance.
- Touch an SFC chart or a zoom window to specify a device. Then, the Ladder Monitor function displays other sequence programs that use the specified device.
- A device test can easily be conducted from a SFC chart or
- Save programs and comments in the CF card of the GOT. They can be retrieved at a moment's notice.

- * : Supported by XGA/SVGA/VGA models
- *: Q00UJ/Q00U/Q01U/Q10UD(E)H/Q20UD(E)H/Q50UDEH/Q100UDEHCPU are not supported



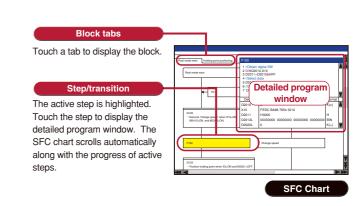
displays a window for turning on or off a bit device

An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67).

Save programs in the CF card of the GOT. They can be retrieved at a moment's notice.

programs and current values of operation control steps and

*: Supported by XGA/SVGA/VGA models



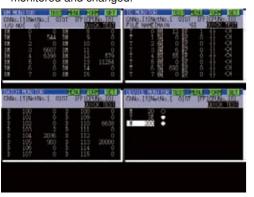
An optional device may be necessary. For details, see "Selection of optional units and devices" (page 67)

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PLC device monitoring/changes

System monitor function

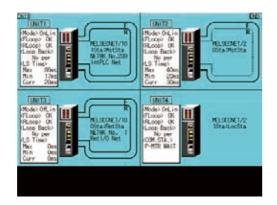
- Mitsubishi PLC CPU devices can be monitored and changed.
- *: Only monitoring, but not changing device values and other operations, is available with the QSCPU
- The current values and setting values of timers (T) and counters (C) can be changed.
- The buffer memory (BM) of a special function unit can be monitored and changed.



At-a-glance monitoring of network status

Network monitor function

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



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

16 15 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), a QSCPU or a LCPU is in use, CPU operating status and existing errors can be monitored by PLC diagnosis.
- The status of the I/O function of LCPU can be checked.
- *: Supported by XGA/SVGA/VGA models.

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Easy maintenance of MELSEC-L Series



- The maintenance screen dedicated to LCPU is installed. Without designing new screens and even without using a personal computer, you can check CPU status/error information easily.
- Just touch the dedicated screen. You can jump to a function screen such as the intelligent unit monitor to quickly take corrective actions on site.



Easy adjustment of Q series motion controller

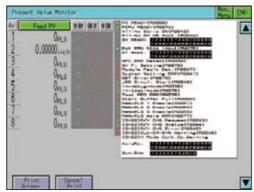
16 15 Q series motion monitor function

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

<Objective models>

- Q172D/Q173DCPU (-S1) Q170MCPU
- Q172H/Q173HCPU
- Q172(N)/Q173(N)CPU
- *: Supported only if the Q series motion controller CPU has the SV13/SV22 OS

Moreover, available functions of the Q series motion monitor vary according to the CPU type.



Save space and cost when no dedicated display device is required

CNC monitor function/CNC data I/O function

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.



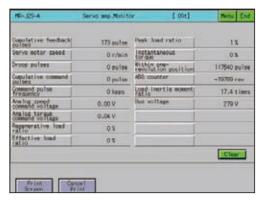
An optional device may be necessary.
For details, see "Selection of optional units and devices" (page 67).

*: Supported by XGA/SVGA models.

Easy startup and adjustment of a servo amplifier

16 Servo amplifier monitor function

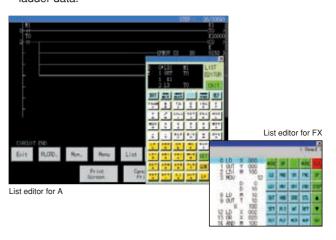
- In a system which outputs pulse strings, the GOT can be connected to a servo amplifier in a serial connection to perform the following operations: set up, monitoring, alarm display, diagnosis, parameter setting, and test operations.
- *: Available monitoring functions vary according to the servo amplifier type.



Convenient method for minor program changes

List editor for A/List editor for FX

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



Enhanced screen size lineup, ranging from small to medium

The GT10 now offers line up of models with 5.7" and 4.7" screens, enabling more flexible screen layouts. The 4.5" and 3.7" wide screen models are also available with a white frame.



GT1050 ¢ GT1055

- QVGA 320 × 240 dots Matrix touch panel
- Minimum touch key size: 16 × 16 dots
- Maximum number of touch keys: 50/Screen



- Matrix touch panel
- Minimum touch key size: 16 × 16 dots
- Maximum number of touch keys: 50/Screen



GT1030





- 288 × 96 dots
- Matrix touch panel
- Minimum touch key size: 16 × 16 dots
- Maximum number of touch keys: 50/Screen

Black frame

- GT10 160 × 64 dots
- Analog touch panel GT1020
 - Minimum touch key size: 2 × 2 dots
 - Maximum number of touch keys: 50/Screen

Similar dimensions to the F900 Series allows for simple replacement without panel design changes*1

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

GT1050 ¢ GT1055

The GT1050, GT1055, and F940GOT are of the same size, 5.7", with the same LCD, QVGA 320 \times 240 dots. They are highly compatible.



GT1030

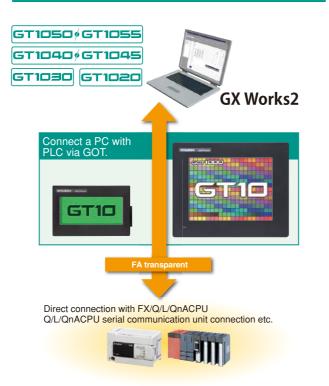
36

The GT1030 has the same panel mounting dimensions as the F930GOT yet with improved resolution*2

*2: 1.44 times compared



FA transparent function



GOT multi-drop connection

By using the serial multi-drop connection unit, the GT01-RS4-M, up to 16 GOT1000 units can be connected. The total distance can be up to 500m.



- *: GOT multi-drop connection is also available for GT16, GT15, and GT11.

Connection to Mitsubishi inverters and AC servos

Direct connection to Mitsubishi inverters and AC servo amplifiers with RS-485 makes it easy to adjust parameter settings etc.



* : See relevant manuals for connectable hardware and software versions

Common software functions

GT10 includes convenient functions of more advanced models in a compact package.

 Preinstalled OS to enable immediate use
 Displaying custom startup screens • Choose your font • Display in a variety of languages and comment switching function • A variety of alarm functions and window functions • The recipe function and multi-action switch for reducing sequence program load • Screen save function

Functionality

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 Straight lines, continuous lines, rectangular, polygons, chamfered quadrangles

circles, ellipses, arcs, elliptic arcs, circular sectors, and elliptic sectors ODivision indication OPainting OImages (BMP/DXF)

OComment registration (basic comments and comment groups) OParts registration OData 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)

OParts display OPanel meters

* : See the manual for details.

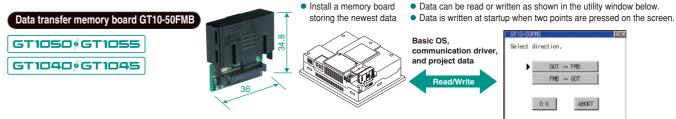
Connection to a barcode reader

The RS-232 connection port for personal computer can also be connected to a barcode reader.



Data transfer for improved user-friendliness and flexibility

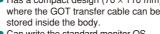
Optional memory board and memory loader provide a convenient way to download project data and operating system data to terminals without a PC. Furthermore when downloading to multiple units speed and efficiency is increased.



Memory loader GT10-LDR

- Has a compact design (70 × 110 mm), where the GOT transfer cable can be stored inside the body.
- communication driver, and project data.
- Does not require a power supply as personal computer.

GT1030 GT1020



- Can write the standard monitor OS. Can read the project data and
- resource data. Offers simple switch type operation. where the write-protect switch prevents erroneous reading.
- power is supplied from the GOT or





- *1 : Only the standard monitor OS and communication driver can be written and only resource
- *2 : Only resource data can be read.

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

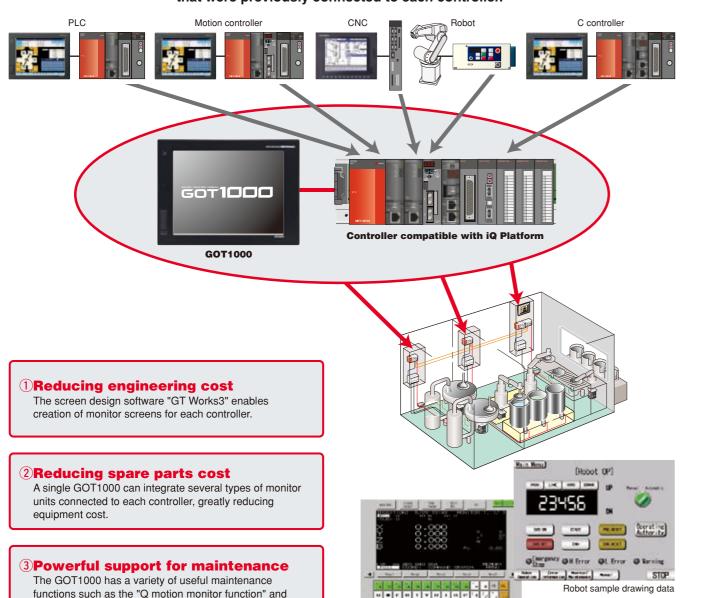


"iQ Platform," the next generation integrated platform

- 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 at lower costs.

PLCs, motion controllers, CNCs, robot controllers, and C 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.



Flexibly interacting with process control.

Creating 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 and the ability to build monitoring systems without SCADA.

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

①PX Developer creates GOT process control screens automatically

Based on the information such as tags defined by PX Developer, process control monitor screens for the GOT can be created automatically, greatly reducing the time required for screen design

GT Designer2 can then customize the automatically created screens. (This function coming soon for GT Works3)

[Screen examples that can be created automatically]

Alarm list screen

Trend graph screen

2 Utilizing GOT1000 & SoftGOT1000 data

Only by using GT Designer2 and PX Developer, a process control monitor system can be developed for both the worksite (GOT1000) and the remote monitoring location (GT SoftGOT1000)

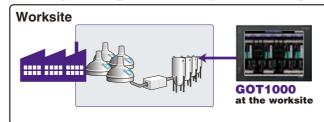
Screen data can be shared to monitor screens efficiently.

3A variety of GOT1000 functions that a process control CPU can also use

Hooked up to the GOT1000, a process control CPU can use a variety of functions that are characteristic of the GOT1000 such as the backup and restoration functions.

Compatible with Q02PH and Q06PHCPU. Best fit for small-scale process equipment!

A SCADA system is not required at the worksite or monitoring location, making it simple and easy to build up a "process control monitor system."



- Excellent anti-environment performance (IP67f) for operation in various types 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, operator authentication, and backup/restoration functions.
- The VESA mount adapter is available.
- *: For detailed descriptions on these functions, see the PX Developer Operating Manual (GOT Screen Generator).



- Best fit for monitoring in a monitor room because of being operable on a personal computer.
- Touch switches on the GT SoftGOT1000 can call up screens such as face plates and the alarm list of the PX Developer
- Since GOT1000 screen data can be used for GT SoftGOT1000 without modification, no screens need to be created just for the monitoring location
- *: For more details, see "GT SoftGOT1000" (page 14).

"CNC monitor function," very capable of and reliable for

troubleshooting. (GT16 and GT15 only)

^{*:} Connectable models and usable functions vary depending on the GOT main unit. For more details, see "List of connectable models" (page 51), "Function list" (page 56) and "Notes for use" (page 67).

General specifications

Iter				Specif						
Operating ambient	Display			0°C to	50°C*5					
temperature*1	Other than display		0°C to 55°C*5							
Storage ambien	t temperature	-20°C to 60°C								
Operating ambie	ent humidity	10 to 90%RH, no condensation								
Storage ambien	t humidity			10 to 90%RH, r	no condensation	ı				
				Frequency	Acceleration	Half amplitude	Sweep count			
		Conforming	Under intermittent	5 to 9Hz	-	3.5mm	10 times each in X,			
Vibration resistance		to JIS B 3502 and	vibration	9 to 150Hz	9.8m/s ²	_	Y and Z directions			
		IEC 61131-2	Under continuous	5 to 9Hz	-	1.75mm	_			
		120 01101 2	vibration	9 to 150Hz	4.9m/s ²	_	_			
Impact resistand	се	Conforming to JIS B 3502 and IEC 61131-2 (147m/s ² , 3 times each in X, Y and Z directions)								
O		No oily smoke, corrosive gas or combustible gas, less conductive dust,								
Operating atmos	spriere		away fro	om direct sunlig	ht (the same in	storage)				
Operating altitud	de*2			2000m	or less					
Installation local	tion			In contro	l panel*6		_			
Overvoltage cat	egory*3			Ⅱ or	lower					
Contamination level*4 2 or less										
Cooling method Self-cooling										
Grounding		Ty	pe D grounding (1	00Ω or less). C	Connect to pane	I if unable 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 (GT16M-MMR), MELSECNET/H communication unit (GT15-J71LP23-25 or GT15-J71BR13) or CC-Link communication unit (GT15-J61BT13).
 *2: Do not operate or store the GOT unit in pressurized environments where
- the pressure exceeds 0m elevation atmospheric pressure, as this could result in abnormal operation.

 Do not pressurize inside the control panel for air purge cleaning. The
- pressurez inside the control parien for air purge clearing. The pressure could raise the surface sheet, making the touch panel difficult to operate or causing the sheet to come off.

 *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 2,500V for devices with ratings up to 300V.
- ratings up to 300V. *4: Index that indicates the level of foreign conductive matter in the
- operating environment of the device. Contamination level 2 denotes contamination with non-conductive matter only, though momentary conductivity may occur due to occasional condensation.
- *5 : 0 to 40°C for GT1665HS *6 : Excluding GT1665HS

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	GT1695M-XTBA GT1695M-XTBD	GT1685M-STBA GT1685M-STBD	GT1675M-STBA GT1675M-STBD	GT1675M-VTBA GT1675M-VTBD	GT1675-VNBA GT1675-VNBD	GT1672-VNBA GT1672-VNBD			
	Туре			tness, wide viewing angle)		TFT col	or LCD			
	Screen size	15"	12.1"		10					
	Resolution	XGA: 1024 × 768 [dots]	SVGA: 800 × 600 [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]				
Display	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 standard font: 50 12-dot standard font: 66	chars. × 37 lines (2-byte) chars. × 50 lines (2-byte)		andard font: 40 chars. × 30 line andard font: 53 chars. × 40 line				
*1	Display colors		65,536	colors		4,096 colors	16 colors			
	View angle*2	Right/left: 75°, Up: 50°, Down: 60°	Right/left: 80°, Up: 60°, Down: 80°	Up/down/ri	ght/left: 88°	Right/left: 45°, Up: 30°, Down: 20°				
	Intensity	450 [cd/m ²]	470 [cd/m ²]	400 [cd/m ²]	450 [cd/m ²]	200 [c	ed/m²]			
	Intensity adjustment			ljustment	• •	4-step ad				
		Approx. 52	2,000 hours	Approx. 43	.000 hours	Approx. 52	•			
	Life	(operating ambient		(operating ambient		(operating ambient				
Backligh	t	,, ,	Cold-cathod	de fluorescent tube (replaceab Backlight off time and scr	le), with backlight OFF detecti	F detection function.				
				Approx. 50,000						
	Life*3		(Time for d	splay intensity reaches 50% a		ire of 25°C)				
	Type		(Time for a	Analog res	· · · · · · · · · · · · · · · · · · ·					
Touch	Key size			Min. 2 × 2 [d						
Touch panel	No. of simultaneous touch points			Simultaneous touch pro						
*10	Life			1,000,000 times or more (or						
	Detection distance	1 [ml .	1,000,000 times of more (o)						
	Detection range	Right/left/up	• •			_				
Human	Detection delay time	0 to 4				-				
sensor	Detection	Temperature differen	<u> </u>			_				
	temperature	between human bo			-	-				
	temperature	between numan bo	,	flash memory		11MB built-in	fll			
Memory *5				ct data and OS)		(for saving proje				
	Life (No. of writings)			,	0 times					
Battery	D 1 1 1 1			GT15-BAT type		(5001/5)				
ballery	Backed up data Life		Clock data, main	tenance time notification data, Approx. 5 years (operating		ser area (500KB)				
	RS-232*7				5200/57600/38400/19200/9600 D-sub 9-pin (male) d devices, connection to perso	nal computer				
	RS-422/485			, 1ch Transmission speed: 1 pe: 14-pin (female) Applica						
Built-in	Ethernet			Data transfer system: 100E Connector shape: F cation with connected devices act data upload/download, OS	J-45 (modular jack) , gateway function, connectior					
interface			Cor	USB (full-speed 1 nector shape: TYPE-A App	2Mbps), host 1ch lication: Data transfer and stor	age				
	USB			USB (full-speed 12 r shape: TYPE Mini-B Applic ct data upload/download, OS						
	CF card		Connector	Compact fla shape: TYPE I Application	ish slot, 1ch : Data transfer, data storage, (data storage, GOT startup				
	Optional function board			1ch for optional funct	ion board installation					
	Extension unit*7			2ch for communication ur	it/optional unit installation					
Buzzer o	output			Single tone (tone	length adjustable)					
Protectiv	re construction			JEM1030 Front: IP6	67f*6 In panel: IP2X					
	dimensions USB port cover)	397(W) × 296(H) × 61(D)[mm]	316(W) × 242(H) × 52(D)[mm]		303(W) × 214(I	H) × 49(D)[mm]				
	it dimensions	383.5(W) × 282.5(H)[mm]	302(W) × 228(H)[mm]		289(W) × 2	200(H)[mm]				
	cl. mounting brackets)	5.0[kg]	2.7[kg]	2.1		2.3	[kg]			
Applicable software	Screen design software Simulation software			GT Works3 Vers						
puondyco										

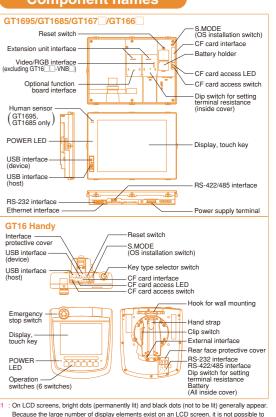
Power supply specifications

	y specification						
				Specification			
ltem	GT1695M-XTBA	GT1685M-STBA	GT1675M-STBA GT1675M-VTBA GT1675-VNBA GT1672-VNBA GT1665M-STBA GT1665M-VTBA GT1662-VNBA	GT1695M-XTBD	GT1685M-STBD	GT1675M-STBD GT1675M-VTBD GT1675-VNBD GT1672-VNBD GT1665M-STBD GT1665M-VTBD GT1662-VNBD	GT1665HS-VTBD
Input power supply voltage	1	00 to 240VAC (+10%, -159	%)		24VDC (+25%, -20%)		24VDC (+10%, -15%)
Input frequency		50/60Hz ±5%				-	
Input maximum apparent power	150VA (at max. load)	110VA (at max. load)	100VA (at max. load)			-	
Power consumption	64W or less	46W or less	39W or less	60W or less	40W or less	38W or less	11.6W or less
With backlight off	38W or less	32W or less	30W or less	30W or less	26W or less	27W or less	8.2W or less
Inrush current		28A or less (4ms, at max. load)		12A or less (75ms, at max. load)		or less max. load)	30A or less (2ms, at max. load)
Permissible instantaneous failure time	W	ithin 20ms (100VAC or mo	re)		Within 10ms		Within 5ms
Noise resistance		voltage 1500Vp-p, noise winulator with noise frequenc			voltage 500Vp-p, noise wid nulator with noise frequenc		Noise voltage 1000Vp-p, noise width 1ms by noise simulator with noise frequency 30 to 100H
Withstand voltage	1500VAC for 1 min	ute between power supply	terminal and ground	500VI	DC for 1 minute between p	ower supply terminal and	ground
Insulation resistance		10MΩ or high	her with an insulation resis	tance tester (500VDC betw	een power supply termina	and ground)	
Applicable wire size				0.75 to 2 [mm ²]*1			
Clamp terminal			Clamp terminals for M3	3 screw RAV1.25-3, V2-S3.	3, V2-N3A, FV2-N3A*1		
Tightening torque (terminal block's terminal screws)				0.5 to 0.8 [N·m]*1			

Performance specifications

Perro	ormance	specification	ons							
			Specif GT1665M-VTBA	fication GT1662-VNBA						
	Item	GT1665M-STBA GT1665M-STBD	GT1665HS-VTBD							
	Туре	TFT col (high-brightness, w		TFT color LCD	TFT color LCD (high-brightness, wide viewing angle)					
	Screen size		8.4"		6.5"					
	Resolution	SVGA: 800 × 600 [dots] VGA: 640 × 480 [dots]								
	Display size		171(W) × 128(H)[mm]		132.5(W) × 99.4(H)[mm]					
Display	No. of displayed characters	16-dot standard font: 50 chars. x 37 lines (2-byte) 12-dot standard font: 66 chars. x 50 lines (2-byte)		ard font: 40 chars. \times 30 ard font: 53 chars. \times 40						
*1	Display colors	65,536	colors	16 colors	65,536 colors					
	View angle*2	Right/left: 80°, Up	o: 80°, Down: 60°	Right/left: 45°, Up/Down: 20°	Right/left: 80°, Up: 60°, Down: 80°					
	Intensity	400 [cd/m ²]	600 [cd/m ²]	200 [cd/m ²]	550 [cd/m ²]					
	Intensity adjustment	8-step ac	djustment	4-step adjustment	8-step adjustment					
	Life	Approx. 43 (operating ambient		Approx. 52,000 hours (operating ambient temperature: 25°C)	Approx. 41,000 hours					
Backligh	ıt	Cold-cathode fluorescent tu		light OFF detection function.	LED Backlight off time and					
				Approx. 40,000 hours or more	screen save time can be set.					
	Life*3	Approx. 50,000		1 11 1						
	Type	(mine for display milensity i		nbient temperature of 25°C) sistive type	1					
Touch	Key size			lots] (per key)						
panel	No. of simultaneous touch points			ohibited*4 (1 point only	1					
* 10	Life			perating force 0.98N or						
	Detection distance	1,000	,,000 (111105 01 111010 (0	perauliy lulue 0.3014 01	1000)					
Цитоп	Detection range			-						
Human sensor	Detection delay time									
0011001	Detection delay time									
	Detection temperature	451401 711	15MR huilt-in flash memory							
Memory C drive		15MB built-in flash memory (for saving project data and OS) (for saving project data and OS)								
	Life (No. of writings)	100,000 times GT15-BAT type lithium battery								
_										
Battery	Backed up data		Clock data, maintenance time notification data, system log data and SRAM user area (500KB) Approx. 5 years (operating ambient temperature: 25°C)							
	Life	Appr	25°C)							
		Transmission space	RS-232, 1ch d: 115200/57600/38400/1	0200/0600/4900hpc	RS-232, RS-422/485, 1ch,					
			ector shape: D-sub 9-pin		each (When using, select one of the channels.)					
	RS-232*7		communication with conn		Transmission speed:					
			nection to personal comp		115200/57600/38400/19200/					
		(project data upload/do	wnload, OS installation,	FA transparent function)	9600/4800bps					
		l	RS-422/485, 1ch		Connector shape: Square, 42-pin (male)					
	RS-422/485		115200/57600/38400/		Application: Communication					
			ector shape: 14-pin (fe ommunication with con		with connected devices					
				WILLI COTTICCTOR GCVICCS						
			ystem: 100BASE-TX,		Data transfer system: 100BASE-TX, 10BASE-T, 1ch Connector shape:					
Built-in			or shape: RJ-45 (mod mmunication with con		Square, 42-pin (male) Application:					
interface	Ethernet		ion, connection to pers		Communication with connected					
		(proj	ect data upload/downl	oad,	devices, gateway function, connection to personal computer					
		OS insta	allation, MES interface	function)	(project data upload/download, OS installation)					
		USB (full-	speed 12Mbps), host Application: Data t	1ch Connector shape						
	USB	USR (full-eng	ed 12Mbps), device 1		TYPE Mini-R					
				n to personal computer						
				installation, FA transpa	rent function)					
	05	Com	pact flash slot, 1ch	Connector shape: TYP	ΈΙ					
	CF card	Арр	lication: Data transfer,	data storage, GOT sta	rtup					
	Optional function board	1ch for op	otional function board i	nstallation	_					
	Extension unit*7	2ch for commu	unication unit/optional	unit installation	_					
Buzzer o				length adjustable)						
	ve construction	JEM1030	Front: IP67f*6 In p		JEM1030 IP65f*9 (when external connecting					
External dimen	nsions (without USB port cover)	241	(W) × 190(H) × 52(D)[mml	cable is fitted) 201(W) × 230(H) × 97(D)[mm]					
	ut dimensions	241	227(W) × 176(H)[mm]							
	ccl. mounting brackets)	1.7		1.8[kg]	1.2[kg] (main unit only)					
	Screen design software	1.7			[g] (main anit only)					
sonware	Simulation software		GT Works3 Ver	sion1.17T or later						
packages	Simulation software	l .								

Component names



Because the large number of display elements exist on an LCD screen, it is not possible to reduce appearance of the bright and black dots to zero.

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 LCD panels have characteristics of tone reversal. Note that even within the indicated view angles, the screen display may not be clear enough depending on the display color.

- *3 : Using the GOT screen save/backlight OFF functions prevents screen burn-in and extends backlight life.

 44 : An analog resistive touch display is used. When 2 points on the screen are touched
- simultaneously, if a switch is located the middle of the 2 points then the switch will be activated. Therefore, avoid touching 2 points on the screen simultaneously.

 *5: The memory is ROM that permits overwriting of new data without having to delete the
- existing data.
- *6 : With the USB environmentally protective cover is on, pressing firmly the portion marked "\(^{\text{"}}\)" makes it conform to IP67f (JEM1030). (The USB interface conforms to IP2X (JEM1030) when a USB cable or a USB memory is connected.) However, this does not

guarantee protection in all users' environments.

The unit may not be used in an environment where it is exposed to splashing oil or chemicals for a long time or it is soaked with oil mist.

- : Where more than one extension unit, barcode reader, and RFID controller are used, the sum of their current consumptions should be within the current level which the GOT can
- For the currents which the extension units, barcode reader, and RFID controller consume and the current level which the GOT can supply, see "Notes for use" (page 67).

 The function version A of GT1695/GT1685 is not compatible with 10BASE-T. *9 : The degree of protection is not guaranteed under all users' environmental conditions. If
- the interface protective cover or the rear face protective cover is removed, the specification does not apply. 10: If necessary, use a stylus pen meeting the following specifications, (excluding GT1665HS)

GT15

General specifications

Iter	n			Specifi	ication				The maximum operating ambient temperature should be 5°C lower that shown in the table on the left when connecting to a MELSECNET/H
Operating ambient	Display			0°C to	50°C				communication unit (GT15-J71LP23-25 or GT15-J71BR13) or CC-Link
temperature*1	Other than display			0°C to	55°C			(communication unit (GT15-J61BT13).
Storage ambien	t temperature			-20°C t	o 60°C				Water bulb temperature for STN display type must be 39°C or lower.
Operating ambie	ent humidity*2			10 to 90%RH, n	o condensation	1			Refer to the Communication Unit User's Manual for vibration resistance specifications when using the MELSECNET/10 communication unit
Storage ambien	t humidity*2			10 to 90%RH, n	o condensation	1			(GT15-75J71LP23-Z or GT15-75J71BR13-Z) or CC-Link communication
				Frequency	Acceleration	Half amplitude	Sweep count		GT15-75J61BT13-Z). (The specifications of communication units are
		Conforming	Under intermittent	5 to 9Hz	_	3.5mm	10 times each in X,		rom those of the GOT main unit.)
Vibration resista	ance*3	to JIS B 3502 and	vibration	9 to 150Hz	9.8m/s ²	-	Y and Z directions		Do not operate or store the GOT unit in pressurized environments whe
		IEC 61131-2	Under continuous	5 to 9Hz	-	1.75mm			pressure exceeds 0m elevation atmospheric pressure, as this could res abnormal operation.
			vibration	9 to 150Hz	4.9m/s ²	-	_		Do not pressurize inside the control panel for air purge cleaning. The p
Impact resistant	ce	Conforming	to JIS B 3502 and	IEC 61131-2 (1	47m/s ² , 3 times	each in X, Y an	d Z directions)		could raise the surface sheet, making the touch panel difficult to operat
O		N	o oily smoke, corro	sive gas or con	nbustible gas, le	ess conductive d	ust,		causing the sheet to come off.
Operating atmos	spriere		away fro	om direct sunligh	nt (the same in	storage)			Assuming that the device is connected at some point between a public distribution network and local system equipment.
Operating altitud	de*4			2000m	or less				Category ${\mathbb I}$ applies to devices that are supplied with power from fixed ϵ
Installation local	tion			In contro	ol panel			1	The surge withstand voltage is 2,500V for devices with ratings up to 30
Overvoltage cat	egory*5			Ⅱ or I	ower				ndex that indicates the level of foreign conductive matter in the operati
Contamination I	evel*6			2 or	less				environment of the device. Contamination level 2 denotes contamination by non-conductive matter
Cooling method				Self-c	ooling				contamination level 2 denotes contamination by non-conductive matter hough momentary conductivity may occur due to occasional condensa
Grounding		Ty	pe D grounding (1	00Ω or less). C	onnect to pane	I if unable to gro	und.		not use or store the GOT under direct sun light or in an envir
									excessively high temperature, dust, humidity or vibration.
								1	

- 1: 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). : 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 **43 : Heler to the Communication unit users wanual for vioration resistance specifications when using the MELSECNET/10 communication unit (GT15-75,J71LP23-Z or GT15-75,J71BR13-Z) or CC-Link communication unit (GT15-75,J71BT13-Z). (The specifications of communication units are different from those of the GOT main unit.)
 **44 : Do not operate or store the GOT unit in pressurized environments where the
- pressure exceeds 0m elevation atmospheric pressure, as this could result in abnormal operation. Do not pressurize inside the control panel for air purge cleaning. The pressure could raise the surface sheet, making the touch panel difficult to operate or
- causing the sheet to come off.
- *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 2,500 for devices with ratings up to 300V.

 *6: Index that indicates the level of foreign conductive matter in the operating environment of the 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

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		Color LCD (high-bright	ness, wide viewing an		TFT col	lor LCD	TFT color LCD (high-brightness, wide viewing angle)	TFT color LCD				
	Screen size	15"	12.1"		10	.4"		8.	4"				
	Resolution	XGA: 1024 × 768 [dots]	SVGA: 800	× 600 [dots]		,	VGA: 640 × 480 [dots]						
	Display size	304.1(W) × 228.1(H) [mm]	246(W) × 184.5(H) [mm]		211(W) × 1	58(H) [mm]		171(W) × 1	28(H) [mm]				
	No. of displayed characters	16-dot standard font: 64 chars. × 48 lines (2-byte) 12-dot standard font: 85 chars. × 64 lines (2-byte)	16-dot star 50 chars. × 37 12-dot star 66 chars. × 50	lines (2-byte) dard font:			rd font: 40 chars. × 30 rd font: 53 chars. × 40						
	Display colors		65,536	colors		256 colors	16 colors	65,536 colors	16 colors				
Display *1	View angle*3	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				-	-							
	Intensity	450 [cd/m ²]	GT1585V: 350 [cd/m ²] GT1585: 400 [cd/m ²]	400 [cd/m ²]	380 [cd/m ²]	200 [d	cd/m ²]	380 [cd/m ²]	150 [cd/m ²]				
	Intensity adjustment		8-step ad	justment		4-step ac	ljustment	8-step adjustment	4-step adjustment				
	Life	Approx. 52,000 hours (operating ambient temperature: 25°C)	Approx. 50 (operating ambient				Approx. 41,000 hours g ambient temperatur	e: 25°C)					
Backlight			Cold-cathode fluoresce	nt tube (replaceable).	with backlight OFF det	ection function. Backli	ight off time and scree	n save time can be set					
Ī) hours or more			Approx. 40,000	-						
	Life*4			(Time for display in	ntensity reaches 50% a								
	Typo	Analog resistive type		(Time for display ii	Matrix res	<u> </u>	inperature or 20 O)						
-	Туре	Analog resistive type	4000 1 (00	\ i = \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	IVIALITA TES		/ (00 li 40						
-	No. of touch keys	_	1900 keys/screen (38			1200 keys	/screen (30 lines × 40	columns)					
Touch panel	Key size	Min. 2 x 2 [dots] (per key)	Min. 16 x (per key) (16 x 8 onl				Min. 16 x 16 [dots] (per key)						
* 9	No. of simultaneous touch points	Simultaneous touch prohibited*5 (1 point only)				Max. 2 points							
	Life			1,000	0,000 times or more (op	perating force 0.98N or	less)						
	Detection distance	1 [[m]			-	-						
	Detection range	Right/left/up	p/down: 70°			-	-						
Human sensor	Detection delay time	0 to 4	[sec]			-	-						
3611301	Detection	Temperature differen	ce to be 4°C or more										
	temperature	between human bo					-						
Memory *6	C drive		9MB built-in f (for saving proje			5MB built-in f (for saving proje		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	0 times							
					GT15-BAT type lithiu	um battery (optional)							
Battery	Backed up data			Clo	ock data and maintena	nce time notification da	ata						
	Life			Appr	ox. 5 years (operating	ambient temperature: 2	25°C)						
	RS-232*8	Application:	Communication with c		nection to personal co	D-sub 9-pin (male) mputer (project data u		nstallation, FA transpare	ent function)				
Built-in interface	USB	Connect	or shape: TYPE Mini-B			uter (project data uplo			function)				
	CF card		Compact	flash slot, 1ch Conr	nector shape: TYPEI	Application: Data tran	nsfer, data storage, GO	OT startup					
	Optional function board				1ch for optional funct	ion board installation							
	Extension unit*8			2ch	n for communication un	it/optional unit installat	tion						
	utput				Single tone (tone	length adjustable)							
					JEM1030 Front: IP6								
Buzzer o						H) × 49(D) [mm]		241(W) × 190(i	H) × 52(D) [mm]				
Buzzer o Protective External	e construction dimensions JSB port cover)	397(W) × 296(H) × 61(D) [mm]	316(W) × 242(H) × 52(D) [mm]		()	000/Mb				s(W) × 282.5(H) [mm] 302(W) × 228(H) [mm] 289(W) × 200(H) [mm]			
Buzzer o Protective External (without l	e construction dimensions JSB port cover)					00/H) [mm]		227/W/\ \ \ 1	76(H) [mm]				
Buzzer o Protective External (without l Panel cut	e construction dimensions	397(W) × 296(H) × 61(D) [mm] 383.5(W) × 282.5(H) [mm]		OT1575\/, 0.0 ft1		00(H) [mm]		227(W) × 1	76(H) [mm]				
Buzzer o Protective External (without l Panel cut Weight (excl. mo	e construction dimensions JSB port cover)			GT1575V: 2.3 [kg] GT1575: 2.4 [kg]		00(H) [mm] 2.3	[kg]		76(H) [mm] [kg]				

Power supply specifications

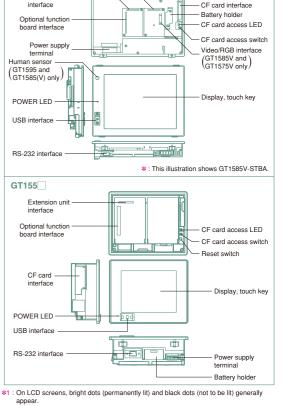
i ower supp	., 0000									
					Specif	ication				
item	GT1595-XTBA	GT1585V-STBA GT1585-STBA	GT1575V-STBA GT1575-STBA GT1575-VTBA GT1575-VNBA GT1572-VNBA GT1565-VTBA GT1562-VNBA	GT1595-XTBD	GT1585V-STBD GT1585-STBD	GT1575V-STBD GT1575-STBD GT1575-VTBD GT1575-VNBD GT1572-VNBD GT1565-VTBD GT1562-VNBD	GT1555-VTBD	GT1555-QTBD	GT1555-QSBD	GT1550-QLB
Input power supply voltage	100 to	240VAC (+10%,	-15%)			2	4VDC (+25%, -20%	(o)		
Input frequency		50/60Hz ±5%					-			
Input maximum apparent power	1	10VA (at max. load	d)				-			
Power consumption	56W or less	41W or less	39W or less	57W or less (2380mA/24VDC)	43W or less (1790mA/24VDC)	41W or less (1710mA/24VDC)	19W or less (790mA/24VDC)	18W or less (750mA/24VDC)	17W or less (710mA/24VDC)	15W or less (620mA/24VDC
With backlight off	30W or less	28W or less	28W or less	32W or less (1330mA/24VDC)	30W or less (1250mA/24VDC)	30W or less (1250mA/24VDC)	14W or less (580mA/24VDC)		13W or less (540mA/24VDC)	
Inrush current	50A or less (4ms, at max. load)	45A or less (4ms, at max. load)	40A or less (4ms, at max. load)	100A or less (4ms, at max. load)	115A or less (1ms, at max. load)	115A or less (1ms, at max. load)	67A or less (1ms, at max. load)		60A or less (1ms, at max. load))
Permissible instantaneous failure time	Within	20ms (100VAC or	more)				Within 10ms			
Noise resistance		age 1500Vp-p, noise tor with noise frequ					age 500Vp-p, noise tor with noise freque			
Withstand voltage		500VAC for 1 minu wer supply terminal			500	VDC for 1 minute b	petween power supp	ly terminal and gro	und	
Insulation resistance			10M Ω or highe	r with an insulation	resistance tester	500VDC between	power supply term	inal and ground)		
Applicable wire size					0.75 to	2 [mm ²]				
Clamp terminal				Clamp terminals	for M3 screw RAV	/1.25-3, V2-S3.3, \	/2-N3A, FV2-N3A			
Tightening torque (terminal block's terminal screws)					0.5 to 0	0.8 [N·m]				

Performance specifications

	Itom		Specif	ication				
	Item	GT1555-VTBD	GT1555-QTBD	GT1555-QSBD	GT1550-QLBD			
	Туре	TFT col (high-brightness, w	lor LCD vide viewing angle)	STN color LCD	STN monochrome (black/white) LCD			
-	Screen size	(g Srighthoos, W	5.	7"	(Sidore Millo) EOD			
-	Resolution	VGA: 640 × 480 [dots]		./ QVGA: 320 × 240 [dot	5]			
	Display size	Van. 040 X 400 [u015]		36(H) [mm]	oj.			
Display	No. of displayed characters	16-dot standard font: 40 chars. × 30 lines (2-byte) 12-dot standard font: 53 chars. × 40 lines (2-byte)	16-dot standa	ard font: 20 chars. × 19 ard font: 26 chars. × 20				
*1 *2	Display colors	65,536	colors	4,096 colors	Monochrome 16 gray scale			
	View angle*3	Right/left: 80°, Up: 80°, Down: 70°	Right/left: 70°, Up: 70°, Down: 50°	Right/left: 55°, Up: 65°, Down: 70°	Right/left: 45°, Up: 20°, Down: 40°			
	Contrast adjustment	-	-	16-step	adjustment			
	Intensity	350 [cd/m ²]	400 [cd/m ²]	380 [cd/m ²]	220 [cd/m ²]			
	Intensity adjustment		8-step ad	djustment				
	Life		Approx. 50 (operating ambient),000 hours temperature: 25°C)				
Backligh	nt		cent tube (not replaces					
١			rox. 75,000 hours or m		Approx. 58,000 hours or more			
	Life*4		itensity reaches 50% a					
	Туре	,		istive type	,			
	No. of touch	1200 keys/screen		300 keys/screen				
	keys	(30 lines x 40 columns) (15 lines x 20 columns)						
Touch Sanel Key size				16 [dots] key)				
* 9	No. of simultaneous touch points		Max. 2	2 points				
ı	Life	1,000	,000 times or more (or	perating force 0.98N o	r less)			
	Detection distance	,,,,,		-	,			
أ	Detection range			-				
Human	Detection delay time	-						
sensor -	Detection temperature	-						
Memory	C drive			flash memory ect data and OS)				
*6	Life (No. of writings)		100,00	0 times				
	. 3-7			um battery (optional)				
Battery [Backed up data	Clo	ock data and maintena	nce time notification d	lata			
	Life	Appro	ox. 5 years (operating	ambient temperature:	25°C)			
	RS-232*8	Application: Commu	ransmission speed: 11: Connector shape: nication with connecte upload/download, OS	D-sub 9-pin (male) d devices, connection	to personal computer			
Built-in interface	USB	USB (full-spe	ed 12Mbps), device 1c Application: Connectio	ch Connector shape n to personal compute	: TYPE Mini-B			
interrace	OF		upload/download, OS mpact flash slot, 1ch	installation, FA transparent				
	CF card		olication: Data transfer,	data storage, GOT st				
	Optional function board			tion board installation				
	Extension unit*8	1ch	for communication ur		ation			
Buzzer o				length adjustable)				
	re construction	JEM1030 Front: IP67f*7 In panel: IP2X						
External	dimensions USB port cover)		167(W) × 135(H	H) × 60(D) [mm]				
			153(W) × 1	21(H) [mm]				
	t dimensions	1.1 [kg]						
Panel cu Weight	bunting brackets)							

Component names

GT1595/GT1585/GT157 /GT156



- appear.

 Because the large number of display elements exist on an LCD screen, it is not
- Because the large number of display elements exist on an LCD screen, it is not possible to reduce appearance of the bright and black dots to zero. 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. Flickering may occur depending on the display colors.

 3. LC panels have characteristics of tone reversal. Note that even within the indicated view angles, the screen display may not be clear enough depending on the display color.

 4. Using the GOT screen save/backlight OFF functions prevents screen burn-in and extends the backlight life.

 5. An analog resistive touch display is used. When 2 points on the screen are touched simultaneously, if a switch is located the middle of the 2 points then the switch will be activated. Therefore, avoid touching 2 points on the screen simultaneously.

 6. The memory is ROM that permits overwriting of new data without having to delete the existing data.

- **6: The memory is HOM that permits overwriting of new data without having to delete the existing data.
 **7: With the USB environmentally protective cover is on, the main unit conforms to IP67f (JEM1030). (The USB interface conforms to IP2X (JEM1030) when a USB cable is connected.) However, this does not guarantee protection in all users' environments. The unit may not be used in an environment where it is exposed to splashing oil or chemicals for a long time or it is soaked with oil mist.
 **8: Where more than one extension unit, barcode reader, and RFID controller are used, the sum of their current consumptions should be within the current level which the GOT can supply
- can supply.

 For the currents which the extension units, barcode reader, and RFID controller consume and the current level which the GOT can supply, see "Notes for use"
- (page 67).

 *9 : If necessary, use a stylus pen meeting the following specifications.

 Material: Polyacetal resin Pen point radius: 0.8mm or more

S.MODE (OS installation switch)
 (GT1595 only)

GT11 GT10

General specifications

Iten	n			Specif	ication					
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)*5							
Storage ambient	temperature		-20°C to 60°C							
Operating ambier	nt humidity*1	10 to 90%RH, no condensation								
Storage ambient I	humidity*1			10 to 90%RH, r	no condensation					
				Frequency	Acceleration	Half amplitude	Sweep count			
		Conforming to JIS B 3502	Under intermittent	5 to 9Hz	-	3.5mm	10 times each in X,			
Vibration resistan	Vibration resistance		vibration	9 to 150Hz	9.8m/s ²	_	Y and Z directions			
		and IEC 61131-2	Under continuous	5 to 9Hz	-	1.75mm				
			vibration	9 to 150Hz	4.9m/s ²	-] -			
Impact resistance		Conform	Conforming to JIS B 3502 and IEC 61131-2 (147m/s², 3 times each in X, Y and Z directions)							
Operating atmosp	here	Free from oil mist, or	orrosive gases, flammable g	ases and excessive co	nductive dusts or direct	sun beams (The same	e applies to unit storage.)			
Operating altitude	*2			2000m	or less					
Installation location	n			In contro	l panel*6					
Overvoltage categ	gory*3			Ⅱ or I	ower					
Contamination level*4 2 or less										
Cooling method Self-cooling										
Grounding			Type D grounding (100Ω or less). Co	onnect to panel if	unable to ground	*7			

- *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 0m 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 [] 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 the device. Contamination level 2 denotes contamination by non-conductive matter only, though momentary conductivity may occur due to occasional

- *5 : 0 to 40°C for GT115_HS

 *6 : Excluding GT115_HS

 *7 : The 5VDC type requires no grounding.

Performance specifications

					Speci	fication			
	Item						GT1155-QTBDQ	GT1155-QSBDQ	GT1150-QLBDQ
		GT1155-QTBD	GT1155-QSBD	GT1150-QLBD	GT1155HS-QSBD		GT1155-QTBDQ GT1155-QTBDA	GT1155-QSBDQ GT1155-QSBDA	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					.7"			
	Resolution	445040 000	10.5 10.1 1 1.1	P 1 1)) × 240 [dots]	445040 000	10.5 1.6 1	P 1 1 1
	Display size	115(W) × 86(H) [mm] (in horizontal	1 7 /	. ,	86(H) [mm]		H) [mm] (in horizontal	display mode)
	No. of displayed characters		16-dot standard font:	20 chars. × 15 lines (2-byte) 12-dot stand	lard font: 26 chars. × 2	U lines (2-byte) (in noi	rizontai dispiay mode)	Managharan (blackship)
	Display colors	256	colors	Monochrome (black/white) 16 gray scale	256 colors	Monochrome (black/white) 16 gray scale	256	colors	Monochrome (black/white) 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	adjustment
	Intensity	400 [cd/m ²]	• 350 [cd/m²] (Hardware versions A and B) • 380 [cd/m²] (Hardware version C or later)	220 [cd/m²]	• 350 [cd/m²] (Hardware versions A and B) • 380 [cd/m²] (Hardware version C or later)	220 [cd/m²]	400 [cd/m²]	380 [cd/m²]	220 [cd/m ²]
	Intensity adjustment				8-step a	djustment			
	Life					ng ambient temperatu			
Backligh	t	Col	d-cathode fluorescent	tube (not replaceable), with backlight OFF	detection function. Bac	cklight off time and sci	reen save time can be	set.
	Life*2	Approx. 75,000) hours or more	Approx. 54,000 hours or more	Approx. 75,000 hours or more	Approx. 54,000 hours or more	Approx. 75,000	0 hours or more	Approx. 54,000 hours or more
				(Time for display in	•	at operating ambient te	mperature of 25°C)		
	Туре					sistive type			
Touch	No. of touch keys			300 key		isting of 15 lines × 20 of	columns)		
panel	Key size				Min. 16 × 16	[dots] (per key)			
parior	No. of simultaneous touch points				Max. 2	points			
	Life			1,000	,000 times or more (o	perating force 0.98N o	r less)		
	C drive*3			3MB bu		or saving project data a	and OS)		
Memory	Life (No. of writings) D drive				100,000 512KB built-in SR/	O times AM (battery backup)			
					GT11-50BAT typ	pe lithium battery			
Battery	Backed up data				Clock data, alarm hi	story and recipe data			
	Life			Replacement gui	deline approx. 5 years	(operating ambient te	mperature: 25°C)		
	Bus			-			1ch for QnA/A	mode)/motion controller CPU/motion controller tion: For bus connectio	CPU (A series)
	RS-422/485	Connec Applica Terminal	RS-422/485, 1ch : 115200/57600/38400/ tor shape: D-sub 9-pin tion: Communication w resistance*5: OPEN/11/ / terminal resistance tra	(female) rith PLCs 10Ω/330Ω		-		-	
					RS-422/232, 1ch (Se	elect one when using.)			
Built-in interface	RS-422/232		-		57600/38400/192 Connector shape: Ro	speed: 115200/ 200/9600/4800bps und type, 32-pin (male) ion with connected devices		-	
	RS-232	Conne Application: Co conn	RS-232, 1ch : 115200/57600/38400/ ctor shape: D-sub 9-pin ommunication with con lection to personal com nload, OS installation, FA	n (male) nected devices,	RS-232, 1ch, Transm 57600/38400/192 Connector shape: M Application: Connectio (project data u	nission speed: 115200/ 200/9600/4800bps lini-DIN 6-pin (female) on to personal computer pload/download, insparent function, etc.)	Conne Application: Conne (project data	RS-232, 1ch : 115200/57600/38400, ctor shape: D-sub 9-pi ction to barcode reade a upload/download, OS transparent function,	n (male) r/personal computer s installation,
	USB				USB (full-speed 12	2Mbps), device 1ch a upload/download, OS			
	CF card					PEI Application: Data			
	Optional function board			p		in main unit			
Buzzer o	utput					length adjustable)			
	e construction*4	JEM103	80 Front: IP67f In pa	nel: IP2X	JEM103	IP65f necting cable is fitted)	JEM103	80 Front: IP67f In pa	nel: IP2X
	dimensions USB port cover)	164	(W) × 135(H) × 56(D) [[mm]		H) × 93(D) [mm]	167	7(W) × 135(H) × 65(D)	[mm]
	t dimensions		153(W) × 121(H) [mm	1		_		153(W) × 121(H) [mm	1
Weight		0.7 [kg] (excl. mounting bra		1.0 [kg] (m:	ain unit only)	0.9 (1	kg] (excl. mounting bra	
Applicable	Screen design software	0.7 [31 (/	•		1 0.0 [31 (/
software packages	Simulation software				G1 Works3 Ver	sion1.17T or later			

Power supply specifications

					S	pecification			
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	GT1045-QSBD	GT1040-QBBD
Input power supply voltage				24VDC (+10%, -15%), ripp	ole voltage of 200	mV 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)	3.6W c (150mA/	or less 24VDC)
With backlight off	4.32W or less (1	80mA/24VDC)	5.04W	or less (210mA/2	4VDC)	4.32W or less (180mA/24VDC)	2.9W or less (1	20mA/24VDC)
Inrush current	15A or less (2ms, at max. load) 26A or less (4ms, at max. load)						15A or less (26.4V) 2ms		
Permissible instantaneous failure time	Within	5ms		Within 10ms				Within 5ms	
Noise resistance	Noise voltage 1000V	p-p, noise width 1µs	Noise volta	ge 500Vp-p, nois	e width 1μs		Noise	voltage 1000Vp-p, noise width	1μs
Noise resistance	by noise simulator with noi	se frequency 30 to 100Hz	by noise simulate	or with noise frequ	uency 25 to 60Hz		by noise sin	nulator with noise frequency 30	to 100Hz
Withstand voltage				500VAC for 1	minute between p	ower supply term	ninal and ground		
Insulation resistance			$10M\Omega$ or higher v	vith an insulation	resistance tester	500VDC between	n power supply te	rminal and ground)	
Applicable wire size		Single-wire 0.14 to 1.5 [mm²], AWG26 to AWG16 (single wire)							WG20 (bar terminal with insulation sleeve) WG20 (single wire)
Clamp terminal		Clamp	p terminals for M3	screw RAV1.25-	3, V2-N3A, FV2-N	√3A*1			WH (made by Phoenix Contact)
Tightening torque (terminal block's terminal screws)				0.5 to 0.8 [N·m]*1				0.22 to 0	25 [N·m]

Performance specifications

			Specifi	ication				
	Item							
		GT1055-QSBD	GT1050-QBBD	GT1045-QSBD	GT1040-QBBD			
	Туре	STN color LCD	STN monochrome (blue/white) LCD	STN color LCD	STN monochrome (blue/white) LCD			
	Screen size	5.7" 4.7"						
	Resolution							
	Display size	$115(W) \times 86(H) \text{ [mm] (in horizontal display mode)} 96(W) \times 72(H) \text{ [mm] (in horizontal display mode)}$						
	No. of displayed characters	16-dot standard font: 20 chars. \times 15 lines (2-byte), 12-dot standard font: 26 chars. \times 20 lines (2-byte) (in horizontal display mode)						
Display*1	Display colors	256 colors	Monochrome (blue/white) 16 gray scale	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)	Right/left: 50°, Up: 40°, 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]	150 [cd/m²] 300 [cd/m²]				
	Life	Approx. 50,000 hours (Time for display contrast reaches 20% at operating ambient temperature of 25°C)						
Backlight		Cold-cathode fluorescer with backlight OFF Backlight off time and scr	detection function.	Backlight off time	d to replace) and screen save to be set.			
		Approx. 75,000 hours or more	Approx. 54,000 hours or more	-	-			
	Life*2	(Time for display intensity reaches 50% at operating ambient temperature of 25°C)		-	-			
	Туре	Matrix resistive type						
	No. of touch keys	Max. 50 keys/screen						
Touch panel	Key size	Min. 16 x 16 [dots] (per key)						
parior	No. of simultaneous touch points	Max. 2 points						
	Life	1,000,000 times or more (operating force 0.98N or less)						
Memory	User memory*3	Built-in flash memory for saving project data (3 MB or less) and OS						
,	Life (No. of writings)	100,000 times						
		GT11-50BAT type lithium battery						
Battery	Backed up data	Clock data, alarm history and recipe data						
	Life		ideline approx. 5 years	(operating ambient ten	nperature: 25°C)			
	RS-422/485	RS-422/485, 1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: D-sub 9-pin (female) Application: Communication with PLCs Terminal resistance*5: OPEN/110Ω/330Ω (switched by terminal resistance transfer switch)						
		RS-232, 1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: D-sub 9-pin (male) Application: Communication with PLCs, connection with barcode readers, communication with personal computers (project data upload/download, OS installation, transparent function)						
Built-in interface	RS-232		Communication with PLC communication with	Os, connection with bar personal computers				
	RS-232 USB	(project da	Communication with PLC communication with	Cs, connection with bar personal computers installation, transpare (Mbps), device 1ch PE Mini-B (receptacle) on with personal compu	nt function)			
		(project da Ap (project da	communication with PLC communication with ta upload/download, OS USB (full-speed 12 Connector shape: TYF plication: Communication	Cs, connection with bar personal computers installation, transpare Mbps), device 1ch PE Mini-B (receptacle) on with personal compus installation, transpare	nt function) uter nt function)			
	USB Memory board	(project da Ap (project da	communication with PLC communication with ta upload/download, OS USB (full-speed TY Connector shape: TYF plication: Communication ta upload/download, OS	Cs, connection with bar personal computers installation, transpare Mbps), device 1ch PE Mini-B (receptacle) on with personal compus installation, transpare pard (GT10-50FMB) 1c	nt function) uter nt function)			
interface Buzzer ou	USB Memory board	(project da Ap (project da	communication with PLC communication with ta upload/download, OS USB (full-speed 12 Connector shape: TYF plication: Communication ta upload/download, OS For installing memory bo	Cs, connection with bar personal computers installation, transpare Mbps), device 1ch PE Mini-B (receptacle) on with personal compu- is installation, transpare pard (GT10-50FMB) 1c gth adjustable/none)	nt function) uter nt function)			
Buzzer ou Protective	USB Memory board	(project da Ap (project da f	communication with PLC communication with ta upload/download, OS USB (full-speed 12 Connector shape: TYF plication: Communication to upload/download, OS or installing memory bc Single tone (tone len Conforming to IP67f (JH) × 56(D)[mm]	Cs, connection with bar personal computers is installation, transpare Mbps), device 1ch PE Mini-B (receptacle) on with personal comp. installation, transpare pard (GT10-50FMB) 1c gth adjustable/none) IEM1030) (front panel) 139(W) x 112(I	nt function) uter nt function) h H) × 41(D)[mm]			
Buzzer ou Protective External of	USB Memory board utput	(project da Ap (project da f	communication with PLC communication with ta upload/download, OS USB (full-speed 12 Connector shape: TYF plication: Communicatit ta upload/download, OS or installing memory by Single tone (tone len Conforming to IP67f (J	Cs, connection with bar personal computers is installation, transpare Mbps), device 1ch PE Mini-B (receptacle) on with personal comp. installation, transpare pard (GT10-50FMB) 1c gth adjustable/none) IEM1030) (front panel) 139(W) x 112(I	nt function) uter nt function) h			
Buzzer ou Protective External of Panel cut Weight (external cut	USB Memory board utput construction*4 dimensions	(project da Ap (project da f	communication with PLC communication with ta upload/download, OS USB (full-speed 12 Connector shape: TYF plication: Communication to upload/download, OS or installing memory both Single tone (tone len Conforming to IP67f (JH) x 56(D)[mm] [21(H)[mm]	Cs, connection with bar personal computers installation, transpare Mbps), device 1ch PE Mini-B (receptacle) on with personal compu- sinstallation, transpare pard (GT10-50FMB) 1c gth adjustable/none) IEM1030) (front panel) 139(W) x 112(I 130(+1-0)(W) x 1	nt function) uter nt function) h H) × 41(D)[mm]			

- #1: On LCD screens, bright dots (permanently lit) and black dots (not to be lit) generally appear.

 #1: On LCD screens, bright dots (permanently lit) and black dots (not to be lit) generally appear.

 Because the large number of display elements exist on an LCD screen, it is not possible to reduce appearance of the bright and black dots to zero.

 Flickering may occur depending on the display colors.

 Note that the existence of bright and black dots is a standard characteristic of LCD screens, and it does not mean that the products are defective or damaged.

 Displaying one single screen for a long time can lead to burn-in, causing afterimages or image irregularities that could not disappear. Use the screen saver that is effective to prevent burn-in.

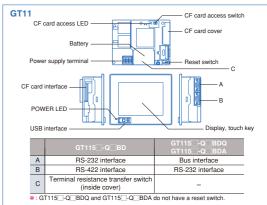
 #2: Using the GOT screen save/backlight OFF functions prevents screen burn-in and extends the backlight life.

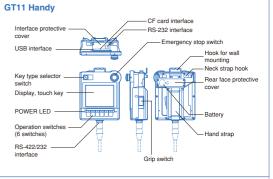
 #3: The memory is ROM that permits overwriting of new data without having to delete the existing data.

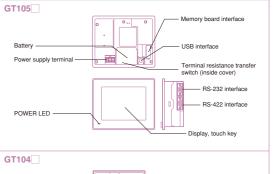
 #4: This does not guarantee protection in all users' environments. The specification is not applied when the interface protective cover and rear face protective cover are removed.

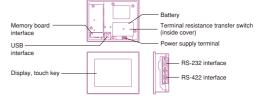
 #5: In the case of GOT multi-drop connection, set the terminal resistance transfer switch on the GOT main unit according to the connection configuration.

Component names









GT10

Power supply specifications

				Speci	fication			
		GT1030-LBD	GT1030-LBDW	GT1020-LBD	GT1020-LBDW	GT1030-LBL	GT1020-LBL	
	tem	GT1030-LWD	GT1030-LWDW	GT1020-LWD	GT1020-LWDW	GT1030-LWL	GT1020-LWL	
		GT1030-LBD2	GT1030-LBDW2	GT1020-LBD2	GT1020-LBDW2	GT1030-LBLW	GT1020-LBLW	
		GT1030-LWD2	GT1030-LWDW2	GT1020-LWD2	GT1020-LWDW2	GT1030-LWLW	GT1020-LWLW	
Input power supply voltage		24VDC (+10%, -15%), ripple voltage of 200mV or less				5VDC (±5%), supplied from PLC communication cable		
Input frequency					-			
Input maximum apparent power					-			
Power consumption		2.2W or less (90mA/24VDC)		1.9W or less (80mA/24VDC)		1.1W or less (220mA/5VDC)		
With backlight off		1.7W or less (70mA/24VDC)		1.2W or less (50mA/24VDC)		0.6W or less (120mA/5VDC)		
Inrush current		18A or less (26.4DCV) 1ms		13A or less (26.4DCV) 1ms		_		
Permissible instantaneous failure time		Within 5ms				-		
Noise resistance		Noise voltage 1000Vp-p, noise width 1µs by noise simulator with noise frequency 30 to 100Hz						
Withstand	l voltage	500VAC for 1 minute between power supply terminal and ground				_		
Inculation	resistance	10MΩ or higher with an insulation resistance tester			_			
IIISulation	resistance	(500VDC between power supply terminal and ground)						
A 1: 1-1 -	Single-wire	0.14 to 1.5mm², AWG26 to AWG16 (single wire), 0.14 to 1.0mm², AWG26 to AWG16 (stranded wire),						
Applicable wire size	installation		0.25 to 0.5mm ² , /	AWG24 to AWG20	0 (bar terminal with i	nsulation sleeve)		
WII C SIZE	Two-wire installation	0.14 to 0.5n	nm², AWG26 to AWG	G20 (single wire),	0.14 to 0.2mm ² , AW	G26 to AWG24 (st	randed wire)	
Clamp ter	minal		Al2.5-6BU, A	10.34-6TQ, AI0.5-	6WH (made by Phoe	enix Contact)		
	torque (terminal ninal screws)	0.22 to 0.25 [N·m]						

Component names GT1030/GT1020 with personal computer (RS-232) C Power supply terminal Power supply terminal D RS-422 interface RS-422 interface, Power supply terminal RS-232 interface

Performance specifications

Type	LWD2 GT1020-LWDW2 node) tal mode)				
Screen size 4.5" 3.7"	tal mode)				
Resolution 288 x 96 [dots] (in horizontal mode) 160 x 64 [dots] (in horizontal node) 86.4(W) x 34.5(H)[mm](in horizontal mode) 96.4 [dot standard font: 36 chars. x 6 lines (2-byte) (in horizontal mode) 96.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 96.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) 97.4 [dot standard font: 20 chars. x 4 lines (1-byte	tal mode)				
Display size 109.42(W) x 35.98(H)[mm](in horizontal mode) 86.4(W) x 34.5(H)[mm](in horizontal mode) No. of displayed characters Display** Display size 109.42(W) x 35.98(H)[mm](in horizontal mode) 16-dot standard font: 36 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 48 chars. x 8 lines (2-byte) (in horizontal mode) (in horizontal mode) 12-dot standard font: 48 chars. x 8 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 8 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 8 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 4 lines (1-byte) or 2 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard font: 20 chars. x 6 lines (2-byte) (in horizontal mode) 12-dot standard	tal mode)				
No. of displayed characters Display* Display of Contrast adjustment No. of displayed characters Display end of Contrast adjustment No. of displayed characters 16-dot standard font: 36 chars. × 6 lines (1-byte) or 18 chars. × 8 lines (2-byte) (in horizontal mode) 16-dot standard font: 20 chars. × 4 lines (1-byte) or 24 chars. × 8 lines (2-byte) (in horizontal mode) 16-dot standard font: 20 chars. × 4 lines (1-byte) or 25 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 25 chars. × 4 lines (1-byte) or 26 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 4 lines (1-byte) or 26 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 4 lines (1-byte) or 26 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 8 lines (2-byte) (in horizontal mode) No. of displayed 16-dot standard font: 20 chars. × 8 lines (2-byte) (in horizontal mode)					
Characters 12-dot standard font: 48 chars. x 8 lines (1-byte) or 24 chars. x 8 lines (2-byte) (in horizontal mode) (in horizontal mode)	10 chars. × 4 lines (2-byte)				
View angle Right/left: 30°, Up: 20°, Down: 30°(in horizontal display mode) Contrast adjustment 16-step adjustment					
Contrast adjustment 16-step adjustment					
Intensity 200 [cd/m²] (in green) 300 [cd/m²] (in white) 200 [cd/m²]	(in green) 300 [cd/m ²] (in white)				
Intensity adjustment 8-step adjustment -					
Life Approx. 50,000 hours (Time for display contrast reaches 20% at operating ambient temperature of 25°C)					
3-color LED					
Backlight Color (green, orange and red) (no need to replace)					
Function Status control (color, on/flashing/off) is available and screen save time setting can be set. PLC can control color and status of backlight based	on system information.				
Type Matrix resistive type Analog resistive type	Analog resistive type				
No. of touch keys Max. 50 keys/screen	eys/screen				
Touch Key size Min. 16 x 16 [dots] (per key) Min. 2 x 2 [dots] (per key))				
panel No. of simultaneous touch points Max. 2 points (If there is a switch near the center of the pressed key	ys, the switch may function.)				
Life 1,000,000 times or more (operating force 0.98N or less)					
User memory **2 Built-in flash memory for saving project data (1.5MB or less) and OS Built-in flash memory for saving project data (5.12KB or less)	OS, alarm history and recipe data				
Memory Life (No. of writings)	00 times				
GT11-50BAT type lithium battery –	-				
Battery Backed up data Clock data, alarm history and recipe data -					
Life Replacement guideline approx. 5 years (operating ambient temperature: 25°C) –					
Torrimal resistance*9: OPEN/110/03300 57600/38400/19200/9800/4800bps Terminal resistance*9: OPEN/110/03300 57600/38400/19200/9800/4800bps Terminal resistance*9: OPEN/110/03300 57600/38400/19200/9800/4800bps Terminal resistance*9: OPEN/110/03300 57600/38400/19200/9800/4800bps Terminal resistance*9: OPEN/110/03300 57600/38400/19200/9800/4800bps	ch Transmission speed: 115200/ 0/38400/19200/9600/4800bps 1ape: Connecter terminal block, 9-pin ation: Communication with PLC				
Built-in With PLC GT1030-LBL/LWL, GT1030-LBLW/LWLW Application: Communication with PLC GT1020-LBL/LWL, GT1020-LBLW/LWLW Application:					
Built-in interface GT1030-LBL/LWL, GT1030-LBLW/LWLW RS-422, 1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: Connector terminal block, 9-pin Application: Communication with PLC GT1020-LBL/LWL, GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW, GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW, GT1020-LBLW/LWL Application: Communication with PLC Application: Communication with PLC GT1020-LBLW, GT1020-LBLW/LWL Application: Communication with PLC Application: Communication with PLC GT1020-LBLW/LWL, GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW/LWL Application: Com					
Built-in interface GT1030-LBL/LWL, GT1030-LBLW/LWLW RS-422, tch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: Connector terminal block, 9-pin GT1020-LBL/LWL, GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW, GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW/LWL, GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW/LWL, GT1020-LBLW/LWL Application: Communication with PLC GT1020-LBLW/LWL Application: Communicatio	1)				
Built-in interface Mili PLC	1)				
Built-in interface Milit PLC					
Built-in interface Mill PLC					
Built-in interface GT1030-LBL/WL, GT1030-LBL/WLW RS-422, 1ch Transmission speed: 115200/57600/3840/1920/9600/4800bps Connector shape: Connector terminal block, 9-pin Application: Communication with PLC For communication with personal computer RS-232, 1ch Transmission speed: 115200/57600/3840/19200/9600/4800bps Connector shape: Mini DIN 6-pin (female) Connector shape: Mini DIN 6-pin (female) Connector shape: Mini DIN 6-pin (female) Single tone (tone length adjustable/none) Buzzer output Single tone (tone length adjustable/none) Conforming to IP67f (JEM1030) (front panel)					
Built-in interface Mill PLC					

*1 : On LCD screens, bright dots (permanently lit) and black dots (not to be lit) generally appear.

Because the large number of display elements exist on an LCD screen, it is not possible to reduce appearance of the bright and black dots to zero.

Flickering may occur depending on the display colors.

Note that the existence of bright and black dots is a standard characteristic of LCD screens, and it does not mean that the products are defective or damaged.

Displaying one single screen for a long time can lead to burn-in, causing afterimages or image irregularities that could not disappear. Use the screen saver that is effective to prevent burn-in.

*2: The memory is ROM that permits overwriting of new data without having to delete the existing data.

*3: In the case of GOT multi-drop connection, set the terminal resistance transfer switch on the GOT main unit according to the connection configuration.

*44: This does not guarantee protection in all users' environments.

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External dimensions

GOT main unit

External dimensions

(Unit: mm) GT1695 GT1685 GT167□ GT166□ GT1585 GT1595 GT157□ GT156□ GT155□ GT115□-Q□BDQ GT115□-Q□BDA GT11 Handy GT115□-Q□BD GT16 Handy ئەتەتەت ، GT105□ GT104□ GT1030 GT1020 Î. A

Panel cut dimensions

hen the GOT is	installed		(Unit: mm) .2*4
Screen size	Type of GOT main unit	A	В	A +2 *4 0
15"	GT1695	383.5	282.5	
15	GT1595	383.5	282.5	/// <u>///</u> //
12.1"	GT1685*1	302	228	-
12.1	GT1585*1	302	220	Panel opening B+2*
10.4"	GT167□*2	289	200	raner opening 0
10.4	GT157□*2	209	200	- <i>'///</i>
8.4"	GT166□	227	176	///// //// /
0.4	GT156□	221	170	
	GT155□*3			44. O 100FOOT/10
5.7"	GT115□*3	153	121	*1 : Same dimensions as A985GOT(-V) *2 : Same dimensions as A975/970GOT(-B)
	GT105 *3			*3 : Same dimensions as F940GOT
4.7"	GT104	130	103	*4 : For the GT104□, GT1030 and GT1020, the tolerances are +1/0.
4.5"	GT1030	137	66	_
3 7"	GT1020	105	66	

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

Туре	A	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 GT16 User's Manual or the GT15 User's Manual.

For compatibility with GOT900 series, see "Backward compatibility" (page 67).

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

	Item	GT1695	GT1685	GT167	GT166	GT1595	GT1585	GT157	GT156	GT155
	GOT only			50	or more (20 or m	ore)			50 or more (21 or more)	49 or more
	When a bus connection unit is installed	50 or more (20 or more)	50 or more (24 or more)	50 or more (33 or more)	50 or more (43 or more)	50 or more	20 or more)	50 or more (35 or more)	50 or more (40 or more)	50 or more
	When a serial communication unit is installed			50	or more (20 or m	ore)			50 or more (21 or more)	49 or more
	When a RS-422 conversion unit is installed	50 or more (20 or more)	50 or more (39 or more)	50 or more (48 or more)	58 or more	50 or more (20 or more)	50 or more (39 or more)	53 or more	58 or more	_
	When an Ethernet communication unit is installed		-			50 or more (20 or more)				
	When the CC-Link communication unit (GT15-J61BT13) is installed				50 or more	(20 or more)				50 or more (24 or more)
	When a CC-link IE controller network communication unit is installed	50 (or more (20 or m	ore)	50 or more (28 or more)	50 or more	20 or more)	50 or more (23 or more)		57 or more
	When a MELSECNET/H communication unit (coaxial) is installed		(20 or more)		50 or more (35 or more)	50 or more			50 or more (35 or more)	64 or more
	When a MELSECNET/H communication unit (optical) is installed	50 or more (20 or more)*1	50 or more (23 or more)*1	50 or more (32 or more)*1	50 or more (42 or more)*1	50 or more (20 or more)*1	50 or more (23 or more)*1	50 or more (37 or more)*1	50 or more (42 or more)*1	79 or more*1
Α	When a printer unit is installed					(20 or more)				50 or more (29 or more)
	When a multimedia unit is installed	50 or more (20 or more)*2	61 or more*2	70 or more*2	80 or more*2			-		
	When a video input unit is installed	50 or more (20 or more)**2	61 or more*2	70 or more*2	80 or more*2	-	61 or more*2	75 or more*2	-	-
	When a RGB input unit is installed		r more (20 or mo		50 or more (25 or more)**3			20 or more)*3	-	-
	When a video/RGB input unit is installed	50 or more (20 or more)*2 *3			80 or more*2 *3	-	61 or more*2 *3	75 or more*2 *3	-	-
	When a RGB output unit is installed	50 o	r more (20 or mo	ore)*3	50 or more (25 or more)**3	-	50 or more (2	20 or more)*3	-	-
	When a CF card unit is installed	50 or more (20 or more)								
	When a CF card extension unit is installed	50 or more (20 or more)	50 or more (49 or more)	58 or more	68 or more	50 or more (20 or more)	50 or more (49 or more)	63 or more	68 or more	97 or more
	When an audio output unit is installed				50 (or more (20 or mo	ore)			
	When an external input/output unit is installed	50 (or more (20 or m	ore)	50 or more (29 or more)	50 or more	20 or more)	50 or more (24 or more)	50 or more (29 or more)	58 or more
В					80 (or more (20 or me	ore)			
С	(When a CF card is not used)					or more (20 or mo	ore)			
	(When a CF card is used)				50 or more	(20 or more)				100 or more
D					50 (or more (20 or mo	ore)			
Е					100	or more (20 or m	ore)			
4 .	1. The distance varies depending on the cable to be used. For details, consult the elegant Mitrubiohi Electric System 9. Consists office.									

- *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 only and may not reflect actual conditions.
- *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.

•G111					(Unit: mm)	
				С		
GOT main unit	A, D	В	When CF card	When CF card	E	
			is not used	is used		
GT1155 GT1150	50 or more (20 or more)		50 or more*2 (20 or more)	100 or more	100 or more (20 or more)	
to Form (00 man) in the constant in the little in the litt						

*1:50 or more (20 or more) in the case of vertical installation *2:80 or more (20 or more) in the case of vertical installation

●GT10					(Unit: mm)
GOT main unit	A	В	С	D	E
GT105 GT104	50 or more (20 or more)	80 or more (20 or more)	50 or more (20 or more)	50 or more (20 or more)	100 or more (20 or more*3)
GT1030 GT1020	50 or more (20 or more*1)	50 or more (20 or more)	50 or more (20 or more)	50 or more	80 or more (20 or more*2)

- \$1:50 or more when a RS-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 a RS-232 interface is used for using an RS-232/USB conversion adapter.
 \$3:80 or more when a RS-232 interface is used for using an RS-232/USB conversion adapter.

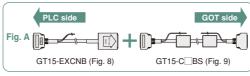
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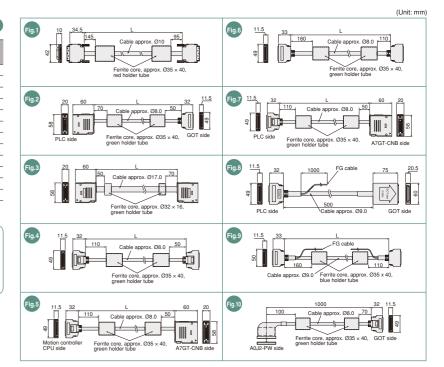
- Dimensions shown in parentheses apply when there are no devices nearby (contactor, etc.) which produce radiated noise or heat. Even with these dimensions, however, the ambient temperature must never exceed 55°C.
- Depending on the unit and cable being used, a cable length longer than dimension A (or dimension D for the GT10) in above [Fig. A] may be required.

cables	

Cable model name	Cable length	dimensions
GT15-QC□B	0.6, 1.2, 3, 5, 10m	Fig. 1
GT15-QC□BS	15, 20, 25, 30, 35m	Fig. 1
GT15-C NB	1.2, 3, 5m	Fig. 2
GT15-AC□B	0.6, 1.2, 3, 5m	Fig. 3
GT15-A370C B-S1	1.2, 2.5m	Fig. 4
GT15-A370C□B	1.2, 2.5m	Fig. 5
GT15-A1SC□B	0.7, 1.2, 3, 5m	Fig. 6
GT15-A1SC□NB	0.45, 0.7, 3, 5m	Fig. 7
GT15-C EXSS-1*1	10.6, 20.6, 30.6m	Figs. 8 & 9
GT15-EXCNB	0.5m	Fig. 8
GT15-C BS	0.7, 1.2, 3, 5, 10, 20, 30m	Fig. 9
GT15-J2C10B	1m	Fig. 10

*1 : GT15-C EXSS-1 is a set consisting of GT15-EXCNB and GT15-C BS.





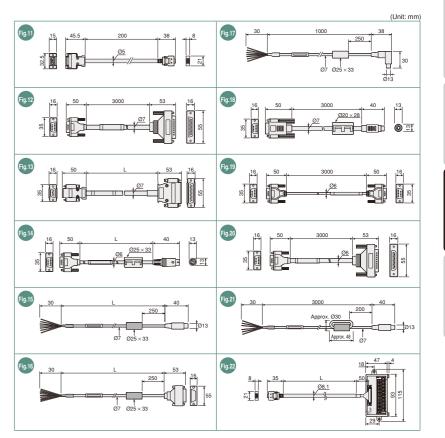
Cable model name	Cable length	External dimensions
GT16-C02R4-9S	0.2m	Fig. 11
GT01-C30R4-25P	3m	Fig. 12
GT01-C R4-25P	10, 20, 30m	Fig. 13
GT01-C R4-8P	1, 3, 10, 20, 30m	Fig. 14
GT10-C R4-8P	1, 3, 10, 20, 30m	Fig. 15
GT10-C R4-25P	3, 10, 20, 30m	Fig. 16
GT10-C10R4-8PL	1m	Fig. 17

RS-232 cables

Cable model name	Cable length	External dimensions
GT01-C30R2-6P	3m	Fig. 18
GT01-C30R2-9S	3m	Fig. 19
GT01-C30R2-25P	3m	Fig. 20
GT10-C30R2-6P	3m	Fig. 21

RS-485 terminal block conversion unit

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



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

						Con	nect	ion	confi	igura	ation									Con	nect	ion	confi	igura	ation			
					G	T16/	GT1	5/GT	11				GT10						G	Т16/	GT15	5/GT	11				GŢ10	
Ser	ries	Model name	Bus connection	CPU direct	Computer link	MELSECNET/H	MELSECNET/10 *1 *4	CC-Link IE *1 *2	CC-Link (ID) *1 *5	CC-Link (via G4)	Ethernet *1	CPU direct connection	Computer link	CC-Link (via G4.		Model name	Bus connection	CPU direct	Computer link	MELSECNET/H	MELSECNET/10 *1 *4	CC-Link IE *1 *2	CC-Link (ID) *1 *5	CC-Link (via G4)	Ethernet *1	CPU direct connection	Computer link	CC-Link (via G4)
MELSE	:C-	Q00JCPU *7 Q00CPU *7 Q01CPU *7 Q02CPU *7 Q02HCPU *7 Q06HCPU *7	○*8									*19	*19	0	MELSEC-	A2USCPU A2USCPU-S1 A2USHCPU-S1 A1SCPU A1SCPUC24-R2		*19			0					×19		
Q serie: Q mod		Q12HCPU *7 Q25HCPU *7 Q02PHCPU Q06PHCPU	0	*19	*19	0	*9	0	0	0	0				(Anscrut type)*11	A1SHCPU A2SCPU A2SCPU-S1 A2SHCPU A2SHCPU-S1		*12 *19	0	×	×	×	0	×	0	*12 *19	0	
		Q12PHCPU Q25PHCPU										×	×	×		A1SJCPU A1SJCPU-S3	○ *13	*19								*19		×
	ndant system n base)	Q12PRHCPU Q25PRHCPU	×	○ *19	×	0	○ *9	0	0	0	0					A1SJHCPU A0J2HCPU	4.0											
	ndant system nsion base)	Q12PRHCPU Q25PRHCPU Q00UJCPU	×	×	0	×	×	×	0	0	0					A0J2HCPUP21 A0J2HCPUR21 A0J2HCPU-DC24	0	*12 *19	0		×		0	×	0	> *12 *19	0	
		Q00UCPU Q01UCPU Q02UCPU	O ***												MELSEC- A series*11	A2CCPUP21 A2CCPUR21	×		×	×	×	×	×	×	×		×	
		Q03UDCPU Q04UDHCPU		O *19) *19				A2CCPUC24 A2CCPUC24-PRF	×	○ *19	0		×		×	×	×	○ *19	0	
		Q06UDHCPU Q10UDHCPU														A2CJCPU-S3 A1FXCPU	×		X		×		×	×	×		×	
		Q13UDHCPU Q20UDHCPU Q26UDHCPU	0		O *19	0	0	0	0	0	0		0	0		Q172CPU *14 Q173CPU *14 Q172CPUN *14	*16	*16 *19	*17 *19	○ *17	○ *17		○ *17	○ *17	○ *17	*17 *19	*17 *19	○ *17
		Q03UDECPU Q04UDEHCPU Q06UDEHCPU			*19								*19		Motion controller	Q173CPUN *14 Q172HCPU Q173HCPU	0	*19 *15 *15	↑ *19	0	0	×	0	0	0	*19 *15 *19	○ *19	0
		Q10UDEHCPU Q13UDEHCPU Q20UDEHCPU Q26UDEHCPU Q50UDEHCPU		*19 *20								*19 *20			CPU (Q series)	Q172DCPU Q173DCPU Q172DCPU-S1 Q173DCPU-S1 Q170MCPU	0	*15 *19	*19	0	0	0	0	0	0	*15 *19 *19	*19	0
IEL SEC.	QS series	Q100UDEHCPU QS001CPU	×	×	X	0	0	0	×	×	0	×	×	×		MR-MQ100 A273UCPU	×	0	×	×	×	×	×	×		×	×	×
MELSE Serie: A mod	C-	Q02CPU-A Q02HCPU-A Q06HCPU-A	×	*19	0	×	0	×	0	×	0	*19	0	×	Motion controller CPU (A series)	A273UHCPU-S3 A373UCPU	0	0	0	×	0	×	0	×	0	×	×	
MELSE series		L02CPU L26CPU-BT	×	*19 *21	○ *19	×	×	×	0	0	0	*19 *21) *19	0	(large type)	A373UCPU-S3 A171SCPU												
MELSE VS seri	ies	WS0-CPU0 WS0-CPU1 Q12DCCPU-V*22	×	O \$19	X	×	×	X	×	X	×	() ()*19 ()*20	X 0*19	×	Motion controller	A171SCPU-S3 A171SCPU-S3N A171SHCPU												
MELSE On A se	C-	Q2ACPU Q2ACPU-S1 Q3ACPU	0	*20	*22	3 0						*20 *19	○ *6		CPU (A series) (small type) *11	A171SHCPUN A172SHCPU A172SHCPUN	*18	0	0	×	×	×	0	×	0	×	×	×
QnACPI	U type)	Q4ACPU Q4ARCPU	O*10			×		×		×		×	*19		*11	A173UHCPU A173UHCPU-S1	-				0							
MELSE QnA se QnASCI		Q2ASCPU Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU-S1	0	*19	*6 *19						*6	*19	*6 *19			FX0S FX0N FX1S FX1N									×			
		A2UCPU-S1 A3UCPU A4UCPU					0								MELSEC- FX series	FX1NC FX2N FX2NC FX3G	×	○ *19	×	×	×	×	×	×		○ *19	×	
		A2ACPUP21 A2ACPUR21		0								0		MELSEC		FX3U FX3UC QJ72LP25-25									0			
		A2ACPUP21-S1		*19								*19		×	NET/H remote I/O station	QJ72LP25G QJ72BR15	×	0	0	×	×	×	×	×	0	×	×	×
MELSE	C-	A2ACPUR21-S1 A3ACPU A3ACPUP21													CC-Link IE field network head unit *7 : Use CPU fu	LJ72GF15-T2 nction version B or la	× ater in a	× multi-0	O CPU sy	× stem.	×	×	×	×	×	×	0	×
series AnCPL	s J type)	A3ACPUR21 A1NCPU A1NCPUP21 A1NCPUR21 A2NCPU A2NCPUP21	0		0	×	×	×	0	×	0		0		*8: When using a *9: Use function *10: In Q4ARCP extension ba *11: Computer lin A0J2HCPU, A0J2-C214- *12: Only the foll	a bus extension conne version B or later fr U redundant system ase A68RB version B nk unit software vers A1715HCPU and A S1 (dedicated comp owing software versions cann	ector boson the Co the Go or late on U on 172SH uter link ion or late ot be us	t, it mus PU and DT mus er. r later r CPU co t unit fo tter can sed.	t be inst I MELS I be co nust be impute r A0J2I be use	alled on ECNET nnected used for link co HCPU) ed to wr	I/H neto d via but or the A onnection cannot rite data	work ur is conn A2SCPI ons. be use a to the	nit. ection t U, A2SF ed.	o the la	st stage A1SHC A2SCF	e's redu PU, A1	ndant : SJHCF 2HCPI	system PU, J and

- : Version L or later for CPUs with link, and version H or later for CPUs without link

- A2CCPU. Earlier ver

 AnNCPU(S1)

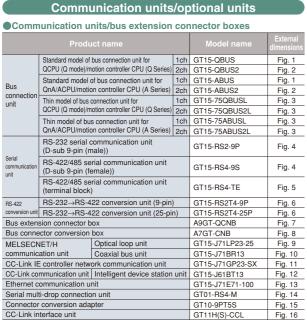
 A2SCPU

 A0J2HCPU (with/wi

 A0J2HCPU-DC24

 A2CCPU
- AQZHCPU-DC24
 Version B or later
 ACCPU
 Version H or later
 Version H or

External dimensions

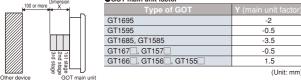


■Optional units

Optional units		
Product name	Model name	External dimensions
Printer unit	GT15-PRN	Fig. 17
Multimedia unit	GT16M-MMR	Fig. 18
Mide a feet to the	GT16M-V4	Fig. 19
Video input unit	GT15V-75V4	Fig. 20
RGB input unit	GT16M-R2	Fig. 19
ndb iriput uriit	GT15V-75R1	Fig. 20
Video/BCB input unit	GT16M-V4R1	Fig. 19
Video/RGB input unit	GT15V-75V4R1	Fig. 20
DCDttt	GT16M-ROUT	Fig. 21
RGB output unit	GT15V-75ROUT	Fig. 21
CF card unit	GT15-CFCD	Fig. 22
CF card extension unit	GT15-CFEX-C08SET	Fig. 23
Audio output unit	GT15-SOUT	Fig. 24
F-4	GT15-DIOR	Fig. 25
External input/output unit	GT15-DIO	Fig. 25
U	GT11H-CNB-37S	Fig. 26
Handy GOT connector conversion box	GT16H-CNB-42S	Fig. 27

*1 : The connector shape varies depending on the model *2 : Dimensions A to D for each communication unit

Model name	Α	В	С	D
GT15-QBUS	2.5	12	31.5	-
GT15-QBUS2	2.5	11	29	33.5
GT15-ABUS	4.5	15	29.5	-
GT15-ABUS2	4.5	11	31	31



Option factor for communication units / option units					
Model name	Z (option factor)				
GT15-CFCD, GT15-CFEX-C08SET	20.5				
GT16M-V4, GT16M-R2, GT16M-V4R1, GT16M-ROUT,					
GT15V-75V4, GT15V-75R1, GT15V-75V4R1, GT15V-75ROUT,					
GT15-QBUS, GT15-QBUS2, GT15-ABUS, GT15-ABUS2,	21.5				
GT15-RS2-9P, GT15-RS4-9S, GT15-RS4-TE, GT15-J71LP23-25,	21.5				
GT15-J71E71-100, GT15-J71BR13, GT15-J61BT13, GT15-PRN,					
GT15-DIO, GT15-DIOR, GT15-SOUT					
GT16M-MMR, GT15-J71GP23-SX	35.5				

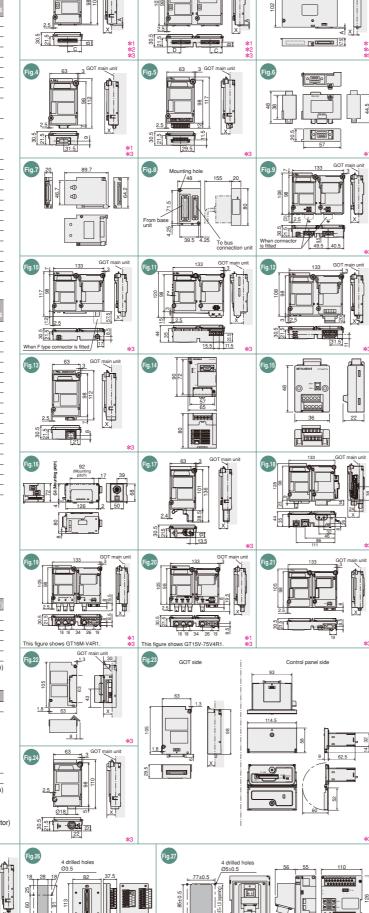
One-layer configuration: Y (main unit factor) + Z (option factor)

Two-layer configuration: Y (main unit factor) + Z (option factor) + Z (option factor)

Three-layer configuration: Y (main unit factor) + Z (option factor) + Z (option factor) + Z (option factor)

*4 : Dimension A for each communication un								
Model name	Α							
GT15-75QBUSL	2.5							
GT15-75QBUS2L	2.5							
GT15-75ABUSL	4							
GT15-75ABUS2L	4							

*5 : Dimension X when GOT is installed								
●For G	T16		●For GT15					
15"	6.5		15", 10.4"	8				
12.1" 5			12.1"	5				
10.4"	8		8.4", 5.7"	10				
8.4"	10							



List of connectable models

Mitsubishi PLCs/Motion controllers/Safety controllers/ C controllers Applicable to wide product lines

								confi	gura	ition					
				G	T16/	GT1	5/GT	11				GT10	0		
Series	Model name	Bus connection *3	CPU direct	Computer link	MELSECNET/H	MELSECNET/10 *1 *4	CC-Link IE %1 %2	CC-Link (ID) *1 *5	CC-Link (via G4	Ethernet *1	CPU direct connection	Computer link	CC-Link (via G4	ı	
	Q00JCPU	* 8													
MELSEC- Q series (Q mode)	Q00CPU *7 Q01CPU *7 Q02CPU *7 Q02HCPU *7 Q06HCPU *7 Q12HCPU *7 Q25HCPU *7	0	○ *19	○ *19	0	○ *9	0	0	0	0	*19	*19	0	M A (A	
	Q02PHCPU Q06PHCPU Q12PHCPU Q25PHCPU										×	×	×		
Redundant system (main base)	Q12PRHCPU Q25PRHCPU	×	○ *19	×	0	○ *9	0	0	0	0	^		^		
Redundant system	Q12PRHCPU	×	×	0	×	×	×	0	0	0					
(extension base)	Q25PRHCPU Q00UJCPU	/\ ○*8	<u> </u>	Ľ	<u> </u>		<u> </u>	Ľ	Ľ	Ľ			-		
	Q00UCPU Q01UCPU Q02UCPU Q03UDCPU Q04UDHCPU Q06UDHCPU		*19								*19			N A	
	Q10UDHCPU Q13UDHCPU Q20UDHCPU Q26UDHCPU Q03UDECPU Q04UDEHCPU	0	*1		○ *19	0	0	0	0	0	0		○ *19	0	M
	Q06UDEHCPU Q10UDEHCPU Q13UDEHCPU Q20UDEHCPU Q26UDEHCPU Q50UDEHCPU		*19 *20								*19 *20			C (C	
MEI OEO OO	Q100UDEHCPU	<u> </u>	ļ.,	L				ļ.,				L	<u></u>		
MELSEC-QS series MELSEC-	QS001CPU Q02CPU-A	×	×	×	0	0	0	×	×	0	×	×	×	N C	
Q series (A mode)	Q02HCPU-A Q06HCPU-A	×	○ *19	0	×	0	×	0	×	0	○ *19	0	×	C (/	
MELSEC-	L02CPU	×	○ *19		×	×	×		0	0	○ *19		0	(1	
L series	L26CPU-BT WS0-CPU0	^	*21	*19	_	^	_	_			*21	*19	\vdash		
MELSEC- WS series	WS0-CPU1	×	0	×	×	×	×	×	×	×	0	×	×	N	
C controller MELSEC-	Q12DCCPU-V*22 Q2ACPU Q2ACPU-S1	0	*19 *20	○ *19 *23	0	0	0	0	0	0	*19 *20	*19 *23	0	C (A	
QnA series (QnACPU type) MELSEC-	Q3ACPU Q4ACPU Q4ARCPU Q2ASCPU	O*10	○ *19	*6 *19	×	0	×	0	×	○ *6	*19 X	*6 *19		*	
QnA series (QnASCPU type)	Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU-S1 A2UCPU	0									*19	*6 *19		N	
	A2UCPU-S1 A3UCPU A4UCPU A2ACPU					0								E	
MELOEO	A2ACPUP21 A2ACPUR21 A2ACPU-S1 A2ACPUP21-S1 A2ACPUR21-S1 A3ACPU		*19								*19		×	Mi Ni re	
MELSEC- A series (AnCPU type)	A3ACPUP21 A3ACPUR21 A1NCPU A1NCPUP21 A1NCPUR21 A2NCPU	0		0	0	×	×	×	0	×	0		0		*7 *8 *9 *1 *1
	A2NCPUP21 A2NCPUR21 A2NCPU-S1 A2NCPUP21-S1 A2NCPUR21-S1		*12 *19								*12 *19			*1 *1	

A3NCPU A3NCPUP21

A3NCPUR21

- A3NCPUR21

 Supported by GT16 and GT15 only. (GT16 Handy can be connected only through Ethernet.)

 Indicates CC-Link IE network connection

 When connecting multiple GOTs, note that the following GOT models cannot be used together: GOT1000 series,
 GGT-A900 series, GOT800 series and A7TGGT.

 When MELSECNETIH is used in NET/10 mode, the GOT terminal cannot be connected directly to a remote I/O station.
 CC-Link (via G4): Connected to a CC-Link (intelligent device station)
 CC-Link (via G4): Connected to a CC-Link system via AJ65BT-G4-S3 or AJ65BT-R2N

 When using A series computer link or an Ethernet module with a QnACPU, only the device ranges within AnACPU specifications are supported. The following devices cannot be monitored:

 Devices that have been newly added to the QnACPU

 Latch relay (L) and step relay (S)

 (In the QnACPU, the latch relay (L) and step relay (S) are separate devices from the internal relay (M), but the internal relay is nonetheless accessed when either the latch relay or step relay is specified.)

 File register (R)

Modules usable when connected with Mitsubishi PLCs

● For computer link connection

CPU series	Serial communicat	ion	module/compute	r link module*1
CFU Selles	Model name		CH1	CH2
MELOEO O :	QJ71C24	*2	RS-232	RS-422/485
MELSEC-Q series (Q mode)	QJ71C24-R2	*2	RS-232	RS-232
, ,	QJ71C24N		RS-232	RS-422/485
Motion controller CPU (Q series)	QJ71C24N-R2		RS-232	RS-232
'	QJ71C24N-R4		RS-422/485	RS-422/485
MELSECNET/H remote I/O station	QJ71CMO	*3	Modular connector	RS-232
Station	QJ71CMON	*3	Modular connector	RS-232
MELSEC-L Series	LJ71C24		RS-232	RS-422/485
CC-Link IE field network head unit	LJ71C24-R2		RS-232	RS-232
MELOEO O : (A)	A1SJ71UC24-R2		RS-232	_
MELSEC-Q series (A mode)	A1SJ71UC24-R4		RS-422/485	_
	AJ71QC24	*4	RS-232	RS-422/485
	AJ71QC24-R2	*4	RS-232	RS-232
	AJ71QC24-R4	*4	RS-422	RS-422/485
	AJ71QC24N	*4	RS-232	RS-422/485
	AJ71QC24N-R2	*4	RS-232	RS-232
	AJ71QC24N-R4	*4	RS-422	RS-422/485
	A1SJ71QC24	*4	RS-232	RS-422/485
MELSEC-QnA series	A1SJ71QC24-R2	*4	RS-232	RS-232
	A1SJ71QC24N	*4	RS-232	RS-422/485
	A1SJ71QC24N-R2	*4	RS-232	RS-232
	A1SJ71QC24N1 *4	4 *6	RS-232	RS-422/485
	A1SJ71QC24N1-R2	*6	RS-232	RS-232
	AJ71UC24	*6	RS-232	RS-422/485
	A1SJ71UC24-R2 *4	4 *5	RS-232	-
	A1SJ71UC24-R4	*5	RS-422/485	-
	AJ71UC24	*5	RS-232	RS-422/485
	A1SJ71UC24-R2 *	5 *6	RS-232	-
MELSEC-A series	A1SJ71UC24-R4 *	5 *6	RS-422/485	-
Motion controller CPU	A1SJ71C24-R2	*5	RS-232	-
(A series)	A1SJ71C24-R4	*4	RS-422/485	_
	A1SCPUC24-R2		RS-232	-
	A2CCPUC24		RS-232	RS-422/485

- #1: RS-485 communication is not possible; therefore,
 A0J2-C214-S1 is unusable.
 When using A series computer link with OnACPU,
 only the device ranges within AnACPU specifications
 are supported.
 The following devices cannot be monitored:
 Devices that have been newly added to the OnACPU
 Latch relay (L) and stop relay (S)
 (In the OnACPU, the latch relay (L) and step relay
 (S) are separate devices from the internal relay
 (M), but the internal relay is nonetheless accessed when either the latch relay or step relay is specified.)
 File register (R)

● For MELSECNET/H connection

CPU series	MELSECNET/H module					
CFU Selles	Optical loop	Coaxial bus				
MELSEC-Q series (Q mode)*1 MELSEC-QS series	QJ71LP21 QJ71LP21-25 QJ71LP21S-25	QJ71BR11				
C controller	QJ71LP21-25 QJ71LP21S-25					

*1 : Use CPU and MELSECNET/H network unit function version B or later.

● For MELSECNET/10 connection

CDILeggies	MELSECNET/H (NET/10 mode), MELSECNET/10 module							
CPU series	Optical loop	Coaxial bus						
MELSEC-Q series (Q mode)*1 MELSEC-QS series	QJ71LP21 QJ71LP21-25 QJ71LP21S-25	QJ71BR11						
C controller	QJ71LP21-25 QJ71LP21S-25							
MELSEC-QnA series	AJ71QLP21 A1SJ71QLP21 AJ71QLP21S A1SJ71QLP21S	AJ71QBR11 A1SJ71QBR11						
MELSEC-Q series (A mode) MELSEC-A series Motion controller CPU (A series)	AJ71LP21 A1SJ71LP21	AJ71BR11 A1SJ71BR11						

*1 : Use CPU and MELSECNET/H network unit function version B or later.

● For CC-Link IE controller network connection

CPU series	CC-Link IE controller network communication unit
MELSEC-Q series (Q mode) MELSEC-QS series C controller	QJ71GP21-SX QJ71GP21S-SX

●For CC-Link (ID) connection

CPU series	CC-Link unit
MELSEC-Q series (Q mode)	QJ61BT11
C controller	QJ61BT11N
MELSEC-L series	LJ61BT11
MELCEC On A naving	AJ61QBT11*1
MELSEC-QnA series	A1SJ61QBT11*1
MELSEC-Q series (A mode)	AJ61BT11*1
MELSEC-A series `	A1SJ61BT11*1
Motion controller CPU (A series)	

*1 : GOT can communicate only with CC-Link units function version B or later and software version J or later.

●For CC-Link (via G4) connection*

CPU series	CC-Link unit	Peripheral device unit
MELSEC-Q series (Q mode)	QJ61BT11	AJ65BT-G4-S3
C controller	QJ61BT11N	AJ65BT-R2N
MELSEC-L series	LJ61BT11	

*1 : GT11 and GT10 can monitor only the master station

●For Ethernet connection

CPU series			Ethernet module	k 1	
MELSEC-Q series (Q mode)/MELSEC-QS series	QJ71E71-100	QJ71E71-B5	QJ71E71-B2	QJ71E71	
	AJ71QE71N3-T	AJ71QE71N-T	AJ71QE71-B5	A1SJ71QE71N-B2	A1SJ71QE71-B5
MELSEC-QnA series	AJ71QE71N-B5	AJ71QE71N-B5T	A1SJ71QE71N3-T	A1SJ71QE71N-T	A1SJ71QE71-B2
	AJ71QE71N-B2	AJ71QE71	A1SJ71QE71N-B5	A1SJ71QE71N-B5T	
MELSEC-Q series (A mode)	AJ71E71N3-T	AJ71E71N-T	A1SJ71E71N3-T	A1SJ71E71N-T	A1SJ71E71-B5-S3
MELSEC-Q series (A mode) MELSEC-A series	AJ71E71N-B5	AJ71E71N-B5T	A1SJ71E71N-B5	A1SJ71E71N-B5T	A1SJ71E71-B2-S3
Motion controller CPU (A series)	AJ71E71N-B2	AJ71E71-S3	A1SJ71E71N-B2		
MELCEC EV porion	EX311-ENET-1				

\$1: When using an A series Ethernet with QnACPU, only the device ranges within AnACPU specifications are supported except for the following devices.

- Devices that have been newly added to the QnACPU. Latch relay (L) and ster pelay (S) (In the QnACPU, the latch relay (L) and step relay (S) are separate devices from the internal relay (M), but the internal relay is nonetheless accessed when either the latch relay or step relay is specified.)

- File register (R)

The GOT can be connected to Mitsubishi inverters to set their parameters and display alarms.

Model name	GIIO/GIIO/GIII/GIIO				
Woder Haine	RS-422	RS-232			
FREQROL-S500/S500E	0	X			
FREQROL-E500	0	X			
FREQROL-F500/F500L	0	X			
FREQROL-F500J	0	X			
FREQROL-A500/A500L	0	X			
FREQROL-V500/V500L	0	X			
FREQROL-E700	0	X			
FREQROL-F700	0	X			
FREQROL-A700	0	X			
FREQROL-D700	0	X			

Servo amplifiers

The GOT can be connected to Mitsubishi servo amplifiers to set their parameters and display alarms.

Series	Model name	GT16/GT15	GT11/GT10
Series	Woder Hame	RS-422	RS-232
MELSERVO-J3 series	MR-J3-□A	0	0
WELSERVO-33 selles	MR-J3- T	0	0
MELSERVO-J2-Super	MR-J2S- A	0	0
series	MR-J2SCP	0	0
Series	MR-J2S- CL	0	0
MELSERVO-J2M series	MR-J2M-P8A	0	0
IVIELOEN VO-JZIVI SEITES	MR-I2M DII	0	

Robot controllers

The GOT can be used to monitor Mitsubishi robot controllers and set their parameters.

									$\overline{}$	
				GT16	6/GT15/	GT11				
		Connection configuration								
Controller name		CPU direct connection		MELSEC NET/H *1	MELSEC NET/10 *1 *2	CC-Link IE *1 *5	CC-Link (ID) *1 *3	CC-Link (via G4)	Ethernet	
CRnQ-700	0	○ *4	0	0	0	0	0	0	0	
CRnD-700	×	×	X	×	×	X	×	X	0	

The GOT can be used to monitor Mitsubishi CNC C70 and C6/C64 and to set their parameters.

					GIIt)/G115/0	a I I I					
	Model		Connection configuration									
Series	name		CPU direct connection		MELSEC NET/H *1	MELSEC NET/10 *1 *2	CC-Link IE *1 *6	CC-Link (ID) *1 *3	CC-Link (via G4)	Ethernet *1		
CNC C70	Q173NCCPU	0	○ *5	0	0	0	0	0	0	0		
MELDAS C6/C64	FCA C64	×	○ *4	×	×	○ *4	×	○ *4	×	○ *4		
et . Cuma	and and but CT1C of	and CT1E	anhi (CT1)	C I londu o		antad anlu	through E	hornot)				

- #1: Supported by GT16 and GT15 only. (GT16 Handy can be connected only through Ethernet.)

 #2: When MELSECNETH is used in NET10 mode, the GOT terminal cannot be connected directly to a remote I/O station.

 #3: CC-Link (ID): Connected as CC-Link (intelligent device station).

 #4: Use NC systems ontware version D0 or later.

 #5: Only a USS interface is available on the G173NCCPU.

 The G173NCCPU can be accessed via RS-232 of the QCPU of a multi-CPU system.

 #6: Indicates CC-Link Ite network connection.

■Units usable when connected with MELDAS C6/C64

●For MELSECNET/10 connection

Series	MELSECNET/H (NET/10 mode), MELSECNET/10 mod						
Series	Optical loop	Coaxial bus					
MELDAS C6/C64	FCU6-EX879	FCU6-EX878					
●For CC-Link (ID) connectio	n						

Series	CC-Link unit
MELDAS C6/C64	FCU6-HR865
A =	

●For Ethernet connection

Series	Ethernet module
MELDAS C6/C64	FCU6-EX875
Applicable GOT varies depending on the corme GT16 When connected via RS-222 RS-222485 or Ehem When connected via RS-232 RS-222 When connected via RS-232 When other than RS-232 GT11 When connected via RS-232 or RS-42 When using bus connection with the connected via RS-232 or RS-42 RS-22485 or Ehem When connected via RS-232 or RS-42 GT10 When connected via RS-232 or RS-42 When connected via RS-242 or RS-42 When connected via RS-242 or RS-42 When connected via RS-242	et: All models (Use the built-in interface of the GOT main unit.) See All models (Bus connection and network connection are enabled by mounting a communication unit on the GOT main unit.) All models (Bus connection and network connection are enabled by mounting a communication unit on the GOT main unit.) All models (Bus connection and network connection are enabled by mounting a communication unit on the GOT main unit.)

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

Third party PLCs/Motion controllers/Safety controllers The GOT can be connected with third party PLCs through RS-232 communication at up to 115.2kbps or Ethernet.

Third p	arty PLCs/	Motion	controller	s/Saf	ety co	ontro	llers	The GO	can be connec	cted with third party PLCs	through RS-232 com	municati	on at up	to 115.2l	kbps or E	thernet.		
					GT16/G	T15/ <u>G</u> T	11/GT1	0					GT16/G	T1 <u>5/GT</u>	11/G <u>T1</u> ()		
Manu	facturer	Мо	del name	Computer lin	k connection	CPU direct	t connection	Ethernet connection	M	anufacturer	Model name	Computer lii	nk connection	CPU direct	connection	Ethernet		
		CPM1		RS-422	RS-232	RS-422	RS-232	*9		l e	LQP000	RS-422	RS-232	RS-422	RS-232	*9		
	SYSMAC CPM	CPM1A CPM2A		×	0		×	×	Hitachi *1	S10mini	LQP010 LQP011	0	0	×	×	×		
	SYSMAC CQM1	CPM2C CQM1			×		×	^	Fuji Electric FA		LQP120 F55							
	SYSMAC CPQ1H	CQM1H CJ1H					0		Components & Systems	MICREX-F	F70 F120S	0	0	×	×	×		
	SYSMAC CJ1	CJ1G CJ1M)*3			○*12	*1		F140S F15_S							
	SYSMAC CJ2 SYSMAC CP1	CJ2H CP1H				×	×				FP0-C16CT FP0-C32CT			l				
OMBON		CP1L CP1E (N t	ype) *13	1			O*13				FP0R FP1-C24C	×	×	×	0			
OMHON	SYSMAC C200HS SYSMAC C200H	C200HS C200H C200HX					×	×			FP1-C40C FP2 FP2SH							
	SYSMAC α	C200HX C200HG		0	0		0		Panasonic Ele	ectric Works	FP3 FP5	×	0	×	0	×		
	SYSMAC CS1	CS1H CS1G		1			0	*12			FP10 (S) FP10SH							
	SYSYMAC C1000H	CS1D		1	242						FP-M (C20TC) FP-M (C32TC)	×	×					
	SYSYMAC C2000H			1) *3		×				FP-Σ FP-X	0	0	×	0			
	SYSMAC CVM1/CV	CV1000 CV2000		×	×) *3	×			GL120 GL130		×		0			
		CVM1 KV-700									GL60S GL60H	0	0	×	×	×		
KEYENCE		KV-1000 KV-3000		0	0	×	0	×			GL70H CP-9200SH	×	0		×			
		KV-5000 SU-5E					X		YASKAWA EI	ectric	CP-9300MS MP920	ô	ŏ	×		X		
	KOSTAC SU series	SU-6B SU-5M		0	0	0	0	×	*10		MP930 MP940			0	0	×		
MANUFA S S S S S S S S S S S S S S S S S S	PZ series	SU-6M PZ3		×	X	0	0	X			PROGIC-8 CP-9200 (H)	×	×					
	DirectLOGIC 205 series	D2-240 D2-250-1 D2-260		0	0		0	×			CP-312 MP2200 MP2300	0	0	×	×	0		
		D0-05AA D0-05AD								FA500	FA500 F3SP05		○ *3	X	×	X		
KOYO	DirectLOGIC	D0-05AR D0-05DA		1							F3SP08 F3SP10	×			0			
ELECTRONICS	05 series	D0-05DD D0-05DD-	D	0	0	×	0	×			F3SP20 F3SP30		1		×	×		
		D0-05DR D0-05DR-		1							F3FP36 F3SP21							
		D0-06DD1 D0-06DD2		-					Yokogawa	FA-M3	F3SP25 F3SP35	0	0	×				
1	DirectLOGIC	D0-06DR D0-06DA		}					Electric *1		F3SP28 F3SP38				0	0		
	06 series	D0-06AR D0-06AA		0	0	0	0	×			F3SP53 F3SP58							
		D0-06DD1 D0-06DD2	2-D								F3SP59 F3SP66	×	×	<u> </u> 				
		JW-21CU								STARDOM	F3SP67 NFCP100	×	×	×	0	O*11		
		JW-31CUI	H H	0	×	×	×				NFJT100 SLC500-20							
	cturing	JW-22CU		1				×			SLC500-30 SLC500-40				O*1			
*1		JW-33CUI JW-70CUI JW-100CU	Н	0	×	() *3			SLC500 series	SLC5/01 SLC5/02	×	×	×		×		
		JW-100CU JW-100CU Z-512J		×	×)*3				SLC5/03 SLC5/04 SLC5/05	-			0			
		PC3JG	PC3JG-P-CPU PC3JG-CPU	ô	O*4	×	O*4				1761-L10BWA 1761-L10BWB							
		PC3J	PC3J-CPU PC3JL-CPU	0	*4	0	O*4				1761-L16AWA 1761-L16BWA							
JTEKT	TOYOPUC series		PC2JC-CPU PC2J16P-CPU				O*4	×			MicroLogix 1000 series (digital CPU)	1761-L16BWB 1761-L16BBB						
*1		PC2J	PC2J16PR-CPU PC2J-CPU	0	O*4	×				(digital CPU) *5		*5 1 1 1 1	1761-L32AWA 1761-L32BWA					.,
			PC2JS-CPU PC2JR-CPU	-			×						1761-L32BWB 1761-L32BBB	×	×	×	0	×
	PROSEC	T2 (PU224 T2E	4)	-		0 /	X)*3			MicroLogix 1000 series	1761-L32AAA 1761-L20AWA-5A							
	T series	T2N T3		×	×		×		Allen-Bradley (Rockwell	(analog CPU) *5*6*7	1761-L20BWA-5A 1761-L20BWB-5A							
		T3H model 300				<u> </u>		×	Automation, Inc)	MicroLogix 1200 series *5 MicroLogix 1500 series *5	1762-L24BWA 1764-LSP							
	V series	model 200	0 (S2T)	×	×	0	×		- 7		1756-L 1756-L1M1							
		model 200 TC3-01 TC3-02	IU (52E)								1756-L1M2 1756-L1M3 1756-L61							
	TCmini series	TC5-20 TC6-00		×	×	×	0	×			1756-L62 1756-L63							
MACHINE		TC8-00 TS2000								ControlLogix series	1756-L55M12 1756-L55M13	×	×	×	O*1	○*8		
	Robot controller	TS2100 H-302 (CP	PU2-03H)	×	×	×	0	×			1756-L55M14 1756-L55M16	1						
		H-702 (CP H-1002 (C	PU2-07H)	1							1756-L55M22 1756-L55M23							
	Large-sized H series	H-2002 (C H-4010 (C	PU2-20H)	* 3	O *3	×	0	×			1756-L55M24 1769-L31					X		
		H-300 (CP H-700 (CP	PU-03Ha)	1						CompactLogix series	1769-L32E 1769-L32C	×	×	×	O*1			
		H-2000 (C H-200 (CP	PU-20Ha) PU-02H, CPE-02H)								1769-L35E 1769-L35CR							
	H-200 to 252	H-250 (CP H-252 (CP	U22-02H)	×	×	×		×		FlexLogix series	1794-L33 1794-L34	×	×	×	O*1	×		
	series	H-252C (C	PU22-02HB) PU22-02HC)	1	^	^		^			IC693CPU311 IC693CPU313			×	×			
Equipment		H-20DR	PE22-02HC)							Carina OC CC	IC693CPU323 IC693CPU350							
systems *1		H-28DR H-40DR		1						Series 90-30	IC693CPU360 IC693CPU363	0	0	0	0	×		
	H series board type	H-64DR H-20DT		×	×	×	0	×			IC693CPU366 IC693CPU367 IC693CPU374	1						
	1,000	H-28DT H-40DT		1					GE Fanuc Automation		IC693CPU374 IC697CPU731 IC697CPX772							
		H-64DT HL-40DR HL-64DR		1					Corporation *1		IC697CPX772 IC697CPX782 IC697CPX928	1						
	F11.15	EH-CPU10	04							Series 90-70	IC697CPX935 IC697CPU780			×	×	×		
	EH-150 series	EH-CPU30	08	×	×	×	0	×					IC697CGR772 IC697CGR935	1		^		
Hitachi	S10V	LQP510 LQP520		0	0	0	×	×			IC697CPU788 IC697CPU789							
*1	S10mini	LQP800		1		×					IC697CPM790							

List of connectable models

Third party PLCs/Motion controllers/Safety controllers

Manufacturer			GT16/GT15/GT11/GT10						
		Model name	Computer lin	k connection	CPU direct	connection	Ethernet		
			RS-422 RS-232		RS-422	RS-232	connection		
		IC200UAA003	0	0	0				
		IC200UAR014				1			
		IC200UDD104	1						
		IC200UDD112	1						
		IC200UDR001	1		×				
		IC200UDR002	1						
		IC200UDR003	1						
		IC200UAL004	1			1			
		IC200UAL005	1						
GE Fanuc		IC200UAL006	1 ×	×					
Automation	VersaMax Micro	IC200UAA007	1						
	versalwax iviicro	IC200UAR028	1				×		
Corporation *1		IC200UDD110	1						
*1		IC200UDD120	1						
		IC200UDD212	1		0				
		IC200UDR005	1						
		IC200UDR006	1						
		IC200UDR010	1						
		IC200UDD064]				
		IC200UDD164	0						
		IC200UDR164	1 ~						
		IC200UDR064]						
	K300S	K4P-15S							
LS Industrial	K200S	K3P-07□S	0		l ×	×	×		
Systems	K120S	K7M-D] ~		^	0	_ X		
-	K80S	K7M-D S (/DC)							
		TSX P57 203M							
	Modicon	TSX P57 253M							
	Premium	TSX P57 303M							
	i remium	TSX P57 353M							
		TSX P57 453M							
		140 CPU 311 10	-						
Schneider		140 CPU 434 12U							
Electric SA		140 CPU 534 14U	X	×	X	X	0		
*1		140 CPU 651 50					*11		
**	Modicon	140 CPU 651 60							
	Quantum	140 CPU 671 60							
		140 CPU 113 02							
		140 CPU 113 03							
		140 CPU 434 12A							
		140 CPU 534 14A							
SICK AG		Flexi Soft series	X	X	X	0	X		
		SIMATIC S7-200 series							
Siemens AG		SIMATIC S7-300 series	×	×	×		×		
*2 : The GOT ca	ot be connected.	SIMATIC S7-400 series DF to the CQM1-CPU11	half-dup herNet/IP (pported by	lex format. PCCC pro) tocol) is su	pported.			
*3 : RS-422 or F *4 : RS-232/RS- *5 : Connection to the *6 : Connection CPU. (B-Se	ries and earlier mode	#10: G1 2051) is required. CF dapter (1770-KF3) is possible. es a C-Series or later els do not support the	P-9200SH, P2300. Ny MODBL	MP920, M MS [®] /TCP of	to the folia IP930, MP connection	owing mod 940, MP22 is support	:00, ed.		
DH485 prote	ocol.)	*12: No *13: 16	t applicable -point units	e to duple: of CP1E	x Ethernet (N type) ca	an be conn	ected		

*	 A one-to-one connection requires a D-Series or later CPU. (C-Series and earlier models do not support the 	*13: 16-point units of CP1E (N type) can be connected only directly to CPU.
- 1	Modules usable when connected with a thi	rd narty computer link and Ethernet modules

■ Module	s usable when					nernet modules
Manı	ufacturer	RS-4			-232	Ethernet
OMRON Host link unit/ communication unit/ communication board/ Ethernet unit		C200H-LK202- C500-LK201-V CQM1-SCB41 CJ1W-SCU41 CJ1W-SCU21-V1- CS1W-SCB41 C200HW-COM CP1W-CIF11 CP1W-CIF12 CJ1W-CIF11	FCP1W-EXT01	C200H-LK200 C500-LK201- C51W-SCU2 C51W-SCU2- CJ1W-SCU2- CJ1W-SCU4- C200HW-CO CQM1-CIF01 CQM1-SCB4 CPM1-CIF01 CPM2C-CN1 CPM2C-CN1 CP1W-CIF01	V1 1 1/41 1-V1 /1+CP1W-EXT01 1 M02/05/06 /02 1	CS1W-ETN21 CS1D-ETN21D CJ1W-ETN21
	unication unit	KV-L20R KV-L20	KV-L20V	KV-L20R KV-L20	KV-L20V	_
Data commun	RONICS INDUSTRIES nication module/ mmunication module	D0 D0		U-01DM D2-DCM D0-DCM		_
Sharp Manu Link unit	ufacturing Systems	JW-21CM JW-10CM	ZW-10CM	-	_	_
JTEKT Link unit		THU-2755 THU-2927	THU-5139	_	_	_
Hitachi Industrial Equipment Systems Intelligent serial port module		COMM-H COMM-2H		COMM-H COMM-2H		_
Hitachi Communica	ation module	LQE565 LQE165		LQE560 LQE060	LQE160	_
Fuji Electric	RS-232C interface card	_	-	NV1L-RS2		
FÁ Components	RS-232C/485 interface capsule	FFK120A-C10		FFK120A-C1	0	_
& Systems	General interface module	NC1L-RS4 FFU120B		NC1L-RS2 FFU120B		
Panasonic Electric Works Computer communication unit		AFPX-COM3		AFP2462 AFP3462 AFP5462	AFPX-COM1 AFPX-COM2 AFPX-COM4	_
YASKAWA Electric MEMOBUS module/ communication module		JAMSC-120NO JAMSC-IF612 217IF 217IF-01	M27100	JAMSC-IF60 JAMSC-IF61 CP-217IF		218IF 218IF-01
Yokogawa Electric Personal computer link module/ Ethernet interface module		LC02-0N F3LC11-2N		LC01-0N LC02-0N F3LC01-1N	F3LC11-1N F3LC11-1F F3LC12-1F	F3LE01-5T F3LE11-0T F3LE12-0T
Allen-Bradley (Rockwell Automation, Inc.) EtherNet/IP communication module		_		_		1756-ENBT 1756-ENET
GE Fanuc Au Communication	tomation Corporation on module	IC693CMM311 IC697CMM711		IC693CMM311 IC697CMM711		
20 110000101	net communication unit	G7L-CUEC	0.11.01.15:	G7L-CUEB		
Schneider E		G6L-CUEC	G4L-CUEA	G6L-CUEB	G4L-CUEA	TSX ETY 4102 TSX ETY 5102 140 NOE 771 00

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IIIIIuiiice	ation module	10037 GIVIIVI7 I I	10037 GIVIIVI7 I I		to Colored a model and the MODDLION and the MODDLION
ndustrial	Cnet communication unit	G7L-CUEC	G7L-CUEB		*7 : Select a model name that supports the MODBUS® communication function.
tems	Cnet communication module	G6L-CUEC G4L-CUEA	G6L-CUEB G4L-CUEA		* : Applicable GOT varies depending on the connection destination.
hneider Electric SA nernet unit		_	_	TSX ETY 4102 TSX ETY 5102 140 NOE 771 00 140 NOE 771 10 140 NWM 100 00	GT16 ··· When connected via RS-223 (S-422485 or Ehmert: All models (Use the built-in interface of the GOT main unit.) When connected via ports other than above: 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-422: GT115□-Q□BD
Servo amplifiers The GOT can be used to set parameters and display alarms.			ed to set parameters an	d display alarms.	When using bus connection : GT115□-O□BD0, GT115□-O□BDA Handy 601 · When connected wis R5-228, R8-22485 or Ehemet. GT1165□HS-VTBD When connected via R5-232 or R5-422: GT115□-HS-O□BD GT10□-When connected via R5-232 : GT105□-O□BD, GT104□-O□BD, GT1030-L□D2/L□DW2.
Manufacturer Model name GT16/GT15/GT11 RS-485 RS-232		5/GT11	GT10 ··· When connected via RS-232 : GT105 - Q BD, GT104 - Q BD, GT1030-L D2/L DW2, GT1020-L D2/L DW2		
			RS-485	RS-232	When connected via RS-422 : GT105 - O_BD, GT104 - Q_BD, GT1030-L_D/L_DW, GT1030-L_U/L_DW, GT1020-L_D/L_DW, GT1020-L_U/L_DW
nasonic		MINAS A4 series MINAS A4F series MINAS A4L series		0	(The GT1030-L□L/LW and GT1020-L□L/LW can be used only with the MELSEC-FXCPU.)

The GOT can be used to monitor robot controllers and Robot controllers

Manufacturer		Madel name	GT16/GT15/GT11/GT10		
Manufacti	ırer	Model name	RS-422	RS-232	
		XSEL-J/K/KE			
	X-SEL	XSEL-P/Q	×	0	
		XSEL-KT/KET			
IAI		XSEL-JX/KX			
		XSEL-KTX			
		XSEL-PX/QX			
	SSEL	SSEL			

Temperature controllers/Indicating controllers	The GOT can be used to log dat set parameters, and display alar

Ma	anufacturer	Mo	del name	RS-485	RS-422	RS-232	
		E5AN/	E5EN	N3-403	N3-422	H3-232	
	Thermac NEO	E5CN	LULIY			- 40	
OMRON	mornido NEO	E5GN		(2-wire type)*1	×	O *2	
	In-Panel NEO	E5ZN		1			
	ACS-13A series	ACS-1	3A □/□,□, C5				
	DCL-33A series	DCL-33A-□/M,□, C5		1			
		JCS-33	BA-□/□□, C5] 0		O *2	
	JC series		BA-□/□□, C5	(2-wire type)*1			
			BA-□/□□, C5				
	JCM-33A series	JCM-3	3A-□/□,□C5				
	FCR-100 series	FCR-1	3A-□/M, C 5A-□/M, C	1			
		FCR-1	5A-□/M, C	-			
Shinko Technos	FCD-100 series	FCD-1	3A-□/M, C	×	×		
recrinos	FCR-23A series	FCD-1	5A-□/M, C 3A-□/M, C	-			
	FUN-23A Selles		-□/M, C	1		O *4	
			-□/M, C5	○(2-wire type)*1			
	PC-900 series		-□/M, C	× ×			
		PC955	-□/M, C5	0 *1			
	PCD-300 series		3A-□/M, C5	(2-wire type)			
	FIR series		1-M, C	×			
	JIR-301-M series		1-M□, C5	O(2-wire type)*1		O *2	
	LT300 series		LT370				
	LT400 series	LT450,	LT470]	0	O *2*3	
	DZ1000 series	DZ100	0 * 7		0		
	DZ2000 series	DZ200	0 * 7	0			
CHINO	LT230 series	LT230		(2-wire type)			
	LT830 series	LT830		(2 wile type)	×	O *2	
	GT120 series	GT120		1			
	DB1000 series	DB100		-	0	0	
	DB2000 series	DB200			_		
Fuji Electric	Micro	PXR PXG	PXR3/4/5/9	0 🚚		_ *2	
Systems	Controller X	PXH	PXG4/5/9 PXH9	(2-wire type)	×	○ *2	
		SDC20					
		SDC30					
		SDC40A/40B/40G		(4-wire type)			
YAMATAKE	SDC	SDC15			×	O *2	
		SDC25	5/26	0 *1			
		SDC35	5/36	(2-wire type)			
	DMC	DMC10					
		UT320					
		UT350					
		UT420					
		UT450		1			
		UT520					
		UT550		*1			
	GREEN series	UT750		(2-wire type/			
		UP350		4-wire type)			
		UP550 UP750		+		O * 2	
Yokogawa				1			
		UM330/331 UM350/351		1	×		
		US100		1			
		UT130					
		UT150		1 _			
	UT100 series	UT152		. 0 *1			
		UT155		(2-wire type)			
		UP150		1			
	LITOOOO	UT240		0			
	UT2000 series	UT280	0	(4-wire type)			
	SD Mini HG cories	H-PCP		(2-wire type)*1	0	0	
	SR Mini HG series		-A, H-PCP-B	×	_		
	SRZ series	Z-TIO,		○ (2-wire type)*1*6	O*5	O *2	
RKC	CB series (to MODBUS®		/400/500				
Instrument	communication specification)	CB700	/900	0	×	O *2	
	FB series	FB100		(2-wire type)*1			
		FB400		(= 11.10 (, po)	0	0	
	RB series	RB100	/400/900		×	O *2	

The GOT1000 series allows connection to Mitsubishi PLCs and a variety of other FA devices. ■GT SoftGOT1000 Connectable Device List

[PLCs/motion controllers]

Mitsubishi PLCs and motion controllers

Mitsubishi PL(s and motio	n co	ontroi		nnection co	nfiguration		
Series	Model name	CPI	U direct nection		MELSECNET/		CC-Link IE	Etherne
	Q00JCPU Q00CPU *3 Q01CPU *3 Q02CPU *3	USB		IIIIK	n.	10.5	IE	
MELSEC-Q series (Q mode)	Q02HCPU *3 Q06HCPU *3 Q12HCPU *3 Q25HCPU *3 Q02PHCPU		0	0	○*5	○* 5	0	0
	Q02PHCPU Q06PHCPU Q12PHCPU Q25PHCPU	0						
Redundant system (main base)	Q12PRHCPU			×	O*5 *6 *12	O*5 *6	0	0
Redundant system	Q25PRHCPU Q12PRHCPU	×	×	0	×	×	×	0
(extension base)	Q25PRHCPU Q00UJCPU	<u> </u>		-				H
	Q00UCPU Q01UCPU Q02UCPU							
	Q03UDCPU Q04UDHCPU	0	0	0	0	0	0	0
	Q06UDHCPU Q10UDHCPU							
	Q13UDHCPU Q20UDHCPU							
	Q26UDHCPU							
	Q03UDECPU Q04UDEHCPU							
	Q06UDEHCPU Q10UDEHCPU							
	Q13UDEHCPU Q20UDEHCPU	0	×	0	0	0	0	0
	Q26UDEHCPU							
	Q50UDEHCPU Q100UDEHCPU							
MELSEC-QS series	QS001CPU Q02CPU-A	0	×	×	0	0	-	-
MELSEC-Q series (A mode)	Q02HCPU-A Q06HCPU-A		0	0	×	0	×	0
MELSEC-L series	L02CPU L26CPU-BT	0	O*14	0	×	×	×	0
MELSEC-WS series	WS0-CPU0		×	×	×	×	×	×
C controller	WS0-CPU1 Q12DCCPU-V	\vdash	X	×	×	×	×	X
MELSEC-QnA series	Q2ACPU (-S1) Q3ACPU		_			_		
(QnACPU type)	Q4ACPU Q4ARCPU Q2ASCPU (-S1)		0	O*4	×	0	×	O*4
MELSEC-QnA series (QnASCPU type)	Q2ASHCPU Q2ASHCPU-S1		0	O*4	×	0	×	O*4
	A2UCPU (-S1)							
	A3UCPU A4UCPU A2ACPU (-S1) A2ACPUP21 (-S1) A2ACPUR21 (-S1)							
MELSEC-A series (AnCPU type)*10	A3ACPU A3ACPUP21 A3ACPUR21 A1NCPU A1NCPUP21		* 7	0	×	0	×	0
	A1NCPUR21 A2NCPU (-S1) A2NCPUP21 (-S1) A2NCPUR21 (-S1) A3NCPU A3NCPUP21							
	A3NCPUR21 A2USCPU (-S1)	_						
MELSEC-A series (AnSCPU type)*10	A2USHCPU-S1 A1SCPU A1SCPUC24-R2 A1SHCPU A2SCPU (-S1)		O*7	0	×	0	×	0
	A2SHCPU (-S1) A1SJCPU (-S3) A1SJHCPU A0J2HCPU							
	A0J2HCPUP21 A0J2HCPUR21 A0J2HCPU-DC24		*7	0	×	×	×	0
MELSEC-A series*10	A2CCPUP21 A2CCPUR21 A2CCPUC24		*7	×	×	×	×	×
	A2CCPUC24-PRF A2CJCPU-S3	_	○* ⁷	O X	×	×	×	×
	A1FXCPU		0*/	×	X	X	×	X
Motion controller CPU (Q series)	Q172CPU (N) Q173CPU (N) Q172HCPU Q173HCPU Q172DCPU (-S1)	USB	×	×	×	×	×	×
	Q173DCPU (-S1) Q170MCPU *13	conne	ction	0	0	0	0	0
Motion controller CPU	A273UCPU A273UHCPU (-S3)	Ť	× ○*8	X	×	X	X	X
(A series/large type)	A373UCPU (-S3)		X	X	X	×	X	×
Motion	A171SCPU (-S3) A171SCPU-S3N		×	×	×	×	×	×
controller CPU*10 (A series/small type)	A171SHCPU (N) A172SHCPU (N) A173UHCPU (-S1)		* 8	0	×	0	×	0
MELOFAEV	FX0S FX0N FX1S FX1N							×
MELSEC-FX series	FX1NC FX2N FX2NC FX3G FX3U		0	×	×	×	×	
	FX3UC QJ72LP25-25	_						0
MELSECNET/H remote I/O station	QJ72LP25G QJ72BR15	×	0	×	×	×	×	×
CC-Link IE field network head unit	LJ72GF15-T2	0	×	0	×	×	×	×

Modules usable when connected with Mitsubishi PLCs -■ For computer link connection*

	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-L series/CC-Link IE field network	LJ71C24 (-R2)
	MELSEC-OnA series	AJ71QC24(-R2)/AJ71QC24N(-R2)/
	MELSEC-QUA Selles	A1SJ71QC24(-R2)/A1SJ71QC24N(-R2)
	MELSEC-A series	AJ71C24-S8/AJ71UC24/A1SJ71C24-R2/A1SJ71UC24-R2
	* : Only RS-232 communication is possible.	

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■ For MELSECNET/H and MELSECNET/10 connection

Use a network unit applicable to the network board used for GT SoftGOT1000. The network boards that can be used with GT SoftGOT1000 are shown on the right. Q80BD-J71BR11 (coaxial loop), Q80BD-J71LP21-25 (optical loop) and Q80BD-J71LP21G (optical loop)

■ For CC-Link IE controller connection

Use a network unit applicable to the network board used for GT SoftGOT1000. The network boards that can be used with GT SoftGOT1000 are shown on the right. Q80BD-J71GP21-SX and Q80BD-J71GP21S-SX

■ For Ethernet connection

CPU series	Ethernet module
MELSEC-Q series (Q mode)/MELSEC-QS series	QJ71E71-100/QJ71E71-B5/QJ71E71-B2/QJ71E71
MELSEC-QnA series	AJ71QE71N3-T/AJ71QE71N-B5/AJ71QE71N-B2/AJ71QE71N-T/ AJ71QE71N-B5T/AJ71QE71/AJ71QE71-B5/A1SJ71QE71N-T/ A1SJ71QE71N-B5/A1SJ71QE71N-B2/A1SJ71QE71N-T/ A1SJ71QE71N-B57/A1SJ71QE71-B5/A1SJ71QE71-B2
MELSEC-Q series (A mode)/ MELSEC-A series/ Motion controller CPU (A series)*	AJ71E71N3-T/AJ71E71N-B5/AJ71E71N-B2/AJ71E71N-T/ AJ71E71N-B5T/AJ71E71-S3/A1SJ71E71N3-T/A1SJ71E71N-B5/ A1SJ71E71N-B2/A1SJ71E71N-T/A1SJ71E71N-B5T/ A1SJ71E71-B5-S3/A1SJ71E71-B2-S3
MELSEC-FX series	FX3U-ENET-L

: Only the device ranges within AnACPU specifications are supported.

Third party PLCs

Manufacturer		Model name		tion configuration		
			CPU direct connection (RS-232) Computer link (RS-232)		Etherne	
	Micro PLC	CPM2A	0		_	
		C200HX				
		C200HG	1 1		1	
		CQM1	1 1		_	
		CQM1H				
	Small-size	CS1H]			
	PLC	CS1G] 0 [_		
OMBON	FLC	CS1D]			
OWII IOI4		CJ1H]			
		CJ1G]			
		CJ1M]			
		CJ2H				
		CV500				
	Large-size	CV1000	1 0 1	_	l _	
	PLC	CV2000]	_	_	
		CVM1	1			
		GL120		×		
		GL130	1	^		
		GL60S			1	
		GL60H	1 × 1	0	×	
		GL70H	1 1			
		CP-9200SH	×	0		
Yaskawa F	loctric	CP-9300MS		×		
IdSNAWA E	HECTIC	MP920] [0	0	
		MP930] _ [
		MP940	1 ~ 1	×	×	
		PROGIC-8]	^		
		CP-9200 (H)]			
		MP2200	×	0		
		MP2300	^			
		F3SP05]			
		F3SP08]		1	
		F3FP36	J I		1	
		F3SP21]		1	
		F3SP25			1	
		F3SP35	ı l		I .	
Yokogawa	Electric	F3SP28	1 – 1	_		
		F3SP38			1	
		F3SP53]		1	
		F3SP58	J I		1	
		F3SP59]		1	
		F3SP66]		1	
		F3SP67	1		1	

■ For Ethernet connection

	Etnernet unit	CSTW-ETN21, CSTD-ETN21D, CSTW-ETN21			
Modules usable when connected with PLCs made by Yaskawa Electric Corporation —					
	■ For computer link connection				

MEMOBUS module/communication module JAMSC-IF60, JAMSC-IF61, CP-217IF, 217IF-01, 217IF, 218IF-01

■ For Ethernet connection

or Ethernet Connection				
Communication module	218IF, 218IF-01			

Modules usable when connected with PLCs made by Yokogawa Electric Corporation For Ethernet connection

Ethernet interface module

[CNCs] Mitsubishi CNCs

				Connection	configuration						
Series	Model name	CPU direct connection		MELSECNET/ H*1	MELSECNET/ 10*2	CC-Link IE	Ethernet				
CNC C70	Q173NCCPU	O*11	0	0	0	0	0				
MELDAS C6/C64	FCA C6 FCA C64	O **9	×	×	×	×	O*9				

Usable units when connected to MELDAS C6/C64 ■ For Ethernet connection

CPU series	Ethernet module
MELDAS C6/C64	FCU6-EX875

[Robot] Mitsubishi Industrial Robots

	Connection configuration							
Controller name	CPU direct connection		MELSECNET/ H*1	MELSECNET/	CC-Link IE	Ethernet		
CRnQ-700	O*11	0	0	0	0	0		
CRnD-700	X	×	X	X	X	0		

- #1 : Connection configuration for network type MELSECNET/H mode and MELSECNET/H extension mode (PC-to-PC net).
 #2 : Connection configuration for network type MELSECNET/H mode and MELSECNET/H extension mode (PC-to-PC net).

 (Including the case where the mode is switched from MELSECNET/H to MELSECNET/10 (PC-to-PC net))

 43 : For multi-CPU configuration, use the CPU function version B or later.

 44 : When using a computer link module for A series or an Ethernet module with QnACPU, GT SoftGOT1000 cannot monitor the module.

- Use MELDAS Col/C4 of the following NC system software version.
 NC system software version Do or later must be used for the A2SCPU, A2SHCPU, A1SHCPU, A1SHCPU, A1SHCPU, A02HCPU, A17SHCPU and A172SHCPU computer link connection.
 A02HCPU, A17SHCPU and A172SHCPU computer link connection.
 A02E-C214-S1 (computer link unit for A02HCPU) cannot be used.
 *11.Accessing 0173NCCPU, CRND-700 must be performed via USB or RS-232 of QCPU in the multi-CPU system.
 *12ENELSECNET/H extension mode cannot be used.
 *13:Only the PLC unit (No.1) of 0170MCPU can be connected. The peripheral I/F cannot be used.
 *14:For connection through RS-232, L6ADP-R2 is required.

^{*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 67).

For the GT10 and GT SoftGOT1000, it is unnecessary to install an optional function board or the extended/optional function OS.

^{*3} Necessary optional units, CF cards and USB memory devices other than the optional function board are shown. Parenthesized devices will be required depending on conditions of use. For details, see "Notes for use"

⁽page 67).

*4 : For details, see "GT10" (page 36), "Handy GOT" (page 12) and "GT SoftGOT1000" (page 14).

^{*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.

[:] Only user alarms can be used.

[:] 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).

^{*10:} Different connection configurations may require different communication units. For details, see the GOT1000 Series Handbook and the GOT1000 Series Connection Manual

^{*11 :} For the compatible hardware versions, please contact your local sales office

- *6 : Structural restrictions are applied.
- : Only user alarms can be used
- 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).
- : Read from the PLC clock.
- *10: Different connection configurations may require different communication units. For details, see the GOT1000 Series Handbook and the GOT1000 Series Connection Manual
- *11 : For the compatible hardware versions, please contact your local sales office.

^{*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 67).

For the GT10 and GT SoftGOT1000, it is unnecessary to install an optional function board or the extended/optional function OS.

^{*3 :} Necessary optional units, CF cards and USB memory devices other than the optional function board are shown. Parenthesized devices will be required depending on conditions of use. For details, see "Notes for use"

[:] For details, see "GT10" (page 36), "Handy GOT" (page 12) and "GT SoftGOT1000" (page 14).

^{*5 :} The RS-232 interface can be used as an RS-422 interface by connecting an RS-422 conversion unit

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GT16 9 5 M - X T B A	
Code Screen size Code Display colors Code Mounting type Code Resolution Code Display device Code Power supply Code Co	ommunication interface
9 15" 5 256 colors or more V Compatible with video/RGB X XGA TFT color A 100 to 240VAC O** With bit Colors or more V Compatible with video/RGB X XGA TFT color A 100 to 240VAC O**	built-in bus connection interface for QCPU
8 12.1" 2 16 colors None Panel mount type (1024 × 768 dots) T (high brightness, D 24VDC (0m	mode)/motion controller CPU (Q series)
7 10.4" 0 Monochrome HS Handy type S SVGA wide viewing angle) L 5VDC A*1 With	h built-in bus connection interface for
6 8.4", 6.5" Compatible with (800 × 600 dots) N TFT color	ACPU/motion controller CPU (A series)
5 5.7" multimedia & Video/RGB V VGA S STN color 2*2	With built-in RS-232
	With built-in RS-422
3 4.5" QVGA (blue/white) *1 : GT115	5□-Q□BDQ and
2 3.7" (320 × 240 dots) L STN monochrome G1115	5□-Q□BDA only
GT16 A variety of communication and function features, including Ethernet (288 × 96 dots) (160 × 64 dots) Code Main unit frame Code GT10 backligh	
GT15 A wide range of applications from networking to standalone use B Black W White backlight	<u>t</u>
GT11 Standard model with basic functions for standalone use W White None Green backligh	<u>nt</u>

* For inquiries relating to products which conform to UL, cUL, and CE directives and shipping directives, please contact your local sales office.

GOT main units

A wide range of applications from networking to standalone use Standard model with basic functions for standalone use Packed with the functionality necessary for a HMI

GT1695		Mod	lel name	Screen size [resolution]	Display	Display colors (number of colors)	Power supply	Memory size	Remarks	
CT168SM-STBA 12.1*SVGA TFT color LCD CT166SM-STBA 10.2*SVGA TFT color LCD CT166SM-STBA 10.4*SVGA TFT color LCD CT167SM-STBA CT167SM-STBA 10.4*VGA CT167SM-STBA CT167SM		GT1695		15" XGA			100-240VAC	15MB		
GT1679M-STBA 104 SVGA FFT color LCD CT1679M-STBA 100 4 SVGA 15M CM1679M-VTBA CT1679M-VTBA CT1		GT1685	GT1685M-STBA	12.1" SVGA	TFT color LCD	65,536 colors	100-240VAC	15MB	Compatible with	
GT1678-WTBD						SE E36 colors		15MD		
GT167 GT1675-W18D				[800 × 600 dots]		,				
GT1675-VNBD		GT167□	GT1675M-VTBD	10.4" \/CA		65,536 colors	_	15MB		
GT166 GT16	GT16		GT1675-VNBD WEW		TFT color LCD	4,096 colors	24VDC	11MB	_	
GT166 GT166SM-STBD GT166SM-ST						16 colors		11MB	_	
GT166						65,536 colors		15MB	'	
Handy COT G11563-NTBO G1		GT166□	GT1665M-VTBA		TFT color LCD	65,536 colors	100-240VAC	15MB	Compatible with	
Handy GOT GT1869S-YTB0 Carpor C			GT1662-VNBA NEW			16 colors	100-240VAC	11MB	multimedia & video/HGB	
GT1595 GT1595-XTBA 15" XGA TFT color LCD 100-240VAC 24VDC		Handy GOT		6.5" VGA [640 × 480 dots]		65.536 colors		15MB	_	
GT1585-STBD (1024 x786 dots) (high brightness, wide viewing angle) CT1585-STBA (1024 x786 dots) CT1585-STBA (1024 x70C dots) CT1585-STBA (1024 x70C dots) CT1585-STBA (1024 x70C dots) CT1575-STBA (1024 x70C		<i>'</i>			1000	,				
GT1585 GT1585-STBA [800 x 600 dots] TF1 color LCD (high brightness, wide viewing angle) GT1575-VSTBA GT1575-VSTB		G11595	GT1595-XTBD	[1024 × 768 dots]		65,536 COIOTS		9MB	_	
GT158B GT158S-STBA GT158S-STBD GT158S-STBD GT158S-STBD GT158S-STBD GT157S-STBD GT157S-VNBD GT157										
GT158S-STBD (high brightness, wide viewing angle) GT157S-VSTBA GT157S-VSTBA (B00 × 600 dots) (high brightness, wide viewing angle) GT157S-STBA (B00 × 600 dots) (high brightness, wide viewing angle) GT157S-VTBA (GT157S-VTBA GT157S-VTBA (B00 × 600 dots) (high brightness, wide viewing angle) GT157S-VTBA (GT157S-VTBA GT157S-VTBA (high brightness, wide viewing angle) GT157S-VTBA (B40 × 480 dots) (high brightness, wide viewing angle) GT157S-VTBA (B40 × 480 dots) (High brightness, wide viewing angle) GT157S-VTBA (B40 × 480 dots) (High brightness, wide viewing angle) (High brightness, wide v		GT1585				65,536 colors		9MB	Video/RGB	
GT1575V-STBA GT1575V-STBA GT1575V-STBA [800 × 600 dots] TFT color LCD (high brightness, wide viewing angle) GT1575-STBA [800 × 600 dots] TFT color LCD (high brightness, wide viewing angle) GT1575-STBA GT1575-VTBA GT1575-VTBD GT1575-VTBA GT1575-VTBD GT1575-VTBD GT1575-VTBD GT1575-VTBD GT1555-VTBD GT155-VTBD GT155-VT				[800 × 600 dots]				-	_	
GT1575-STBD GT1575-STBA (800 × 600 dots) GT1576-STBA (800 × 600 dots) GT1576-STBA (800 × 600 dots) GT1575-STBA (80							-		Compatible with	
GT157-STBA GT157-STBD GT158-STBD GT1				10.4" SVGA						
GT1575-VTBA GT1575-VTBA GT1575-VTBA GT1575-VTBD GT1575-VNBD GT1565-VTBD GT1565-VTBD GT1565-VTBD GT1565-VTBD GT1550-VNBD GT1550-VNBD GT1550-VNBD GT1550-VNBD GT1550-VNBD GT1550-VNBD GT1555-VTBD GT1555-VTBD GT1555-VTBD GT1555-VTBD GT1555-VTBD GT1555-VTBD GT1550-QLBD GT1550-QLBD GT1550-QLBD GT1155-QTBDD				[800 × 600 dots]		65,536 colors	100-240VAC	9MB		
GT1575-VTBD			GT1575-STBD		(high brightness, wide viewing angle)		24VDC]		
GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1586-VTBA GT1586-VTBA GT1586-VNBA GT1585-VNBA		GT157				65.536 colors		9MB		
GT1572-VNBD GT1572-VNBD GT1572-VNBD GT1572-VNBD GT1572-VNBD GT1572-VNBD GT1572-VNBD GT1565-VTBA GT1572-VNBD GT1565-VTBA GT1562-VNBD GT1562-VNBD GT1562-VNBD GT1562-VNBD GT1562-VNBD GT1562-VNBD GT1550-VNBD	GT15				(high brightness, wide viewing angle)			_	_	
GT1572-VNBD					TFT color LCD	256 colors		5MB		
GT1565-VTBA GT1565-VTBA GT1565-VTBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1552-VTBD GT1552-VTBD GT1555-VTBD GT1155-VTBD					TFT color LCD			5MB		
GT156 GT1562-VNBA G40 × 480 dots G40 × 480 dots G40 × 480 dots TFT color LCD 16 colors 100-240VAC 24VDC 5MB C47 C C47					TFT color LCD	GE E26 colors		OMB		
GT1562-VNBA GT1562-VNBD GT1555-VTBD GT1555-VTBD GT1555-QTBD GT1555-QTBD GT1555-QTBD GT1555-QTBD GT1555-QTBD GT1555-QTBD GT1555-QTBD GT1550-QTBD GT1550-QTBD GT1155-QTBD GT1150-QTBD GT1050-QTBD		GT156			(high brightness, wide viewing angle)	00,000 001015	24VDC	SIVID	_	
GT1552-VNBD 5.7" VGA [640 × 480 dots] TFT color LCD (high brightness, wide viewing angle) 65,536 colors 24VDC 9MB		G1100_		[640 × 480 dots]	TET color I CD	16 colors		5MB		
GT155-QTBD GT155-QTBD GT155-QTBD GT155-QTBD GT155-QTBD GT155-QTBD GT155-QTBD GT155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBDA GT1155-QTBDA GT1155-QTBDA GT1155-QTBDA GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1150-QLBD GT1105-QLBD GT1050-QLBD GT10							24VDC			
GT155-QSBD GT155-QSBD GT155-QSBD GT155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QTBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1150-QLBD GT1050-QSBD GT10				5.7" VGA [640 × 480 dots]		65,536 colors				
GT155-QLBD GT155-QTBD GT1155-QTBDQ GT1155-QTBDQ GT1155-QTBDQ GT1155-QTBDQ GT1155-QTBDQ GT1155-QTBDQ GT1155-QSBD GT1155-QSBDQ GT1155-QSBDQ GT1155-QSBDQ GT1155-QSBDQ GT1155-QSBDQ GT1155-QSBDQ GT1155-QSBDQ GT1150-QLBD GT1150-QLBDQ GT1150-QLSDQ GT1150-QLSDQ GT1150-QLSDQ GT1150-QSBD GT1055-QSBD GT1050-QSBD		GT155		5.7" QVGA		4 096 colors	24VDC	9MB	_	
GT1155-QTBD GT1155-QTBDQ GT1155-QTBDA GT1155-QTBDA GT1155-QTBDA GT1155-QTBDA GT1155-QTBDA GT1155-QSBD GT1155-QSBD GT1155-QSBDA GT1155-QSBDA GT1155-QSBDA GT1150-QLBDA GT1150-QSBD GT1150-QSBD GT1150-QSBD GT1150-QSBD GT1150-QSBD GT1150-QSBD GT1150-QSBD GT1150-QSBD GT1150-QSBD GT1050-QSBD GT1050				[320 × 240 dots]						
GT1155 GT105—QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBD GT1155-QSBDA GT1155-QSBDA GT1155-QSBDA GT1155-QSBDA GT1150-QLBD GT1150-QLBD GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDB GT1150-QLBDB GT1150-QLBD GT1150-QSBD GT1055-QSBD GT1050-QSBD GT1050-QSB									_	
GT1155-QSBD GT1155-QSBDQ GT1155-QSBDQ GT1155-QSBDQ GT1155-QSBDQ GT1150-QLBDD GT1150-QLBDD GT1150-QLBDQ GT1150-QLBDQ GT1150-QLBDA Handy GT1155HS-QSBD GT1150-QLBDD GT1150-QLBDD GT1150-QLBDD GT1150-QLBDD GT1150-QLBDD GT1150-QSBD GT1150-QSBD GT1055-QSBD GT1055-QSBD GT1050-QSBD GT1050			GT1155-QTBDQ		TFT color LCD				Dedicated to Q bus connection	
GT115 GT1155 GSBDQ GT1155 GSBDA GT1155 GSBDA GT1155 GSBDA GT1150 GLBD GT1150 GLBD GT1150 G		GT1155				256 colors			Dedicated to A bus connection	
GT115 GT1150-QLBD GT1150-QLBD GT1150-QLBD GT1150-QLBDQ GT1150-QLBDA GT1150-QLBD GT1150-QLBD GT1150-QLBD GT1150-QLBD GT1150-QLBD GT1150-QLBD GT11050-QBBD GT1050-QBBD GT1050-QBBD GT1050-QBBD GT1050-QBBD GT1050-QBBD GT1050-QBBD GT1050-QBBD GT1050-QBBD GT1050-QBBD GT1045-QSBD GT1045-Q		G11133				230 001013				
GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1150-QLBDA GT1155HS-QSBD GT1155HS-QSBD GT1150-QLBDA GT1155HS-QSBD GT105D-QSBD				5.7" OVGA	STN color LCD					
GT1150 QLBDQ GT1150-QLBDQ GT1150-QLBDA STN monochrome LCD Monochrome (black/white) 16 gray scales Dedicated to Q bus connection Dedicated to Q bus connection Dedicated to A	GT11						24VDC	3MB	Dedicated to A bus connection	
GT1150-QLBDA Handy GT1155HS-QSBD STN color LCD 256 colors GT105D-QLBD STN wonochrome LCD Monochrome (blackwhite) 16 gray scales CT104D-QLBD GT105D-QSBD GT105D-QSB		OT1150			OTN	Monochrome (black/white)				
Handy GT1155HS-QSBD STN color LCD 256 colors CT1104 GT105C-QSBD GT105C-		G11150			STN monochrome LCD	16 gray scales				
GOT GT1150HS-QLBD STN monochrome LCD Monochrome (black/white) 16 gray scales GT105 GT1050-QSBD 5.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT105 GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT104 GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB - GT1045-QSBD 4.7" QVGA 3MB 4.7" QVGA 3MB 4.7" QVGA 3MB 4.7" QVGA		Handy			STN color LCD	256 colors			Dedicated to A bus corniection	
GT105 GT105-QSBD 5.7" QVGA STN color LCD 256 colors 24VDC 3MB — GT104 GT104-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB —									_	
GT105 GT105-QBBD [320 × 240 dots] STN monochrome LCD Monochrome (blue/white) 16 gray scales 24VDC 3MB — (GT104 GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 3MB				5.7" QVGA			0.000		P .	
GT1045-QSBD 4.7" QVGA STN color LCD 256 colors 24VDC 2MB	OT40	G1105_					24VDC	3MB	MB —	
GT1040-QBBD [320 × 240 dots] STN monochrome LCD Monochrome (blue/white) 16 gray scales 2+VDC 3N/B —	GIIO	GT104					24\/DC	2MD		
		G1104	GT1040-QBBD	[320 × 240 dots]	STN monochrome LCD	Monochrome (blue/white) 16 gray scales	24000	SIVIE		

GOT main units

	Mod	el name	Screen size [resolution]	Display			y colors of colors)	Power supply	Memory size	Remarks
		GT1030-LBD			Frame color		3-color LED	24VDC		Dedicated to RS-422 connection
		GT1030-LBD2]	1	24400		Dedicated to RS-232 connection
		GT1030-LBL	4.5"	STN monochrome LCD		Monochrome	(green, orange, red)	5VDC	1.5MB	Dedicated to RS-422FX connection
		GT1030-LBDW	[288 × 96 dots]	OTTA IIIOIIOCIIIOIIIE EOD	Black	(black/white)	3-color LED	24VDC	1.JIVID	Dedicated to RS-422 connection
		GT1030-LBDW2					(white, pink, red)			Dedicated to RS-232 connection
	GT1030	GT1030-LBLW				L	(write, pilik, reu)	5VDC		Dedicated to RS-422FX connection
	G11030	GT1030-LWD					3-color LED	24VDC		Dedicated to RS-422 connection
		GT1030-LWD2	SIN monochrome ICD White				l			Dedicated to RS-232 connection
		GT1030-LWL		Monochrome	(green, orange, red)	5VDC	1.5MB	Dedicated to RS-422FX connection		
		GT1030-LWDW		STN IIIOIIOCIIIOIIIE EOD	VVIIILE	(black/white)	3-color LED	24VDC	1.51415	Dedicated to RS-422 connection
		GT1030-LWDW2					(white, pink, red)	_		Dedicated to RS-232 connection
GT10		GT1030-LWLW					(write, pirik, reu)	5VDC		Dedicated to RS-422FX connection
GIIU		GT1020-LBD					3-color LED	24VDC		Dedicated to RS-422 connection
		GT1020-LBD2						24400		Dedicated to RS-232 connection
		GT1020-LBL	3.7"	STN monochrome LCD	Black	Monochrome	(green, orange, red)	5VDC	512KB	Dedicated to RS-422FX connection
		GT1020-LBDW	[160 64 dots]	STN IIIOIIOCIIIOIIIE EOD	Diack	(black/white)	3-color LED	24VDC	JIZND	Dedicated to RS-422 connection
		GT1020-LBDW2					(white, pink, red)			Dedicated to RS-232 connection
	GT1020	GT1020-LBLW					(write, pilik, reu)	5VDC		Dedicated to RS-422FX connection
	G11020	GT1020-LWD					3-color LED	24VDC		Dedicated to RS-422 connection
		GT1020-LWD2			l	24400		Dedicated to RS-232 connection		
		GT1020-LWL	3.7"	STN manachroma I CD	monochrome LCD White Monochrome (black/white)	Monochrome	(green, orange, red)	5VDC	512KB	Dedicated to RS-422FX connection
		GT1020-LWDW	[160 64 dots]	31N IIIOIIOCIIIOIIIE ECD		3-color LED	1 1 1		Dedicated to RS-422 connection	
		GT1020-LWDW2						_		Dedicated to RS-232 connection
		GT1020-LWLW					(white, pink, red)	5VDC		Dedicated to RS-422FX connection

Communication interface

Dua duat nama	Madel neme	Considerations			Applicable model					
Product name	Model name	Specifications		GT16	GT15	GT11	Handy GOT	GT10		
	GT15-QBUS	Bus connection (1ch) unit standard model for QCPU (Q mode)/motion controller CPU (Q series)		•	•	-	_			
	GT15-QBUS2	Bus connection (2ch) unit standard model for QCPU (Q mode)/motion controller CPU (Q series)	for QCPU (Q mode)/motion controller CPU (Q series)							
Bus connection unit	GT15-ABUS	Bus connection (1ch) unit standard model for QnA/ACPU/motion controller CPU (A series)		•	•	1	1	_		
	GT15-ABUS2	Bus connection (2ch) unit standard model for QnA/ACPU/motion controller CPU (A series)		•	•	1	1			
	GT15-75QBUSL	Bus connection (1ch) unit thin model*1 for QCPU (Q mode)/motion controller CPU (Q series)		•	•	-	_			
	GT15-75QBUS2L	Bus connection (2ch) unit thin model*1 for QCPU (Q mode)/motion controller CPU (Q series)		•	•	-	_			
	GT15-75ABUSL	Bus connection (1ch) unit thin model*1 for QnA/ACPU/motion controller CPU (A series)		•	•	-	-			
	GT15-75ABUS2L	Bus connection (2ch) unit thin model*1 for QnA/ACPU/motion controller CPU (A series)	•	•	-	_	_			
	GT15-RS2-9P	RS-232 serial communication unit (D-sub 9-pin (male))			_	_	_			
Serial communication unit	GT15-RS4-9S	RS-422/485 serial communication unit (D-sub 9-pin (fema			_	_	_			
Serial communication unit	GT15-RS4-TE	RS-422/485 serial communication unit (terminal block)*2 * Usable only when connecting to temperature controllers/indicating controllers vi	a RS-485 or in GOT multi-drop connection	•	•	-	-			
RS-422 conversion unit	GT15-RS2T4-9P	RS-232→RS-422 conversion unit	RS-422 connector: 9-pin		*4	-	-			
113-422 CONVENSION UNIT	GT15-RS2T4-25P	110-232-7110-422 conversion unit	RS-422 connector: 25-pin		*4	_	_			
MELSECNET/H	GT15-J71LP23-25	Optical loop unit				_	_			
communication unit	GT15-J71BR13	Coaxial bus unit				_	_			
CC-Link IE controller network communication unit	GT15-J71GP23-SX	Optical loop unit		•	•	_	_	_		
CC-Link communication unit	GT15-J61BT13	Intelligent device station unit (supporting CC-Link version		•	_	_				
Ethernet communication unit	GT15-J71E71-100	Ethernet (100Base-TX) unit	_	•	_	_				
Serial multi-drop connection unit	GT01-RS4-M	For GOT multi-drop connection	* 5	● *5	* 5	_	* 5			
Connector conversion adapter	GT10-9PT5S	Conversion connector between D sub 9-pin male and Eur	rope terminal block 5-pin	_	_	* 5	_	* 5		
CC Link interface unit	GT11HS-CCL	CC Link interfere unit for Llandy COT		_	-	_	•			
CC-Link interface unit	GT11H-CCL	CC-Link interface unit for Handy GOT		_	_	-	•	_		

*1: The unit cannot be used stacked on other units.

*2: The unit may not be able to be used depending on the connection destination. See "List of connectable models" (page 54).

*3: The unit cannot be used with the GT155_.

*5: For the hardware version compatible with GOT, please contact your local sales office.

For the instructions for connection of GT16/GT15, please contact your local sales office.

Dradust name	Ma dal mana	Cussifications		Appli	cable n		
Product name	Model name	Specifications	GT16	GT15	GT11	Handy GOT	GT10
Printer unit	CT1E DDN	USB slave (PictBridge) for printer connection, 1ch					
Printer unit	GT15-PRN	* Cable for printer connection (3m) included			_	_	_
Multimedia unit	GT16M-MMR	For video input (NTSC/PAL) 1ch motion image playback	*2	_	-	_	_
Video innut unit	GT16M-V4	For video input (NTSC/PAL) 4ch	*2	_	_	_	
Video input unit	GT15V-75V4	For video input (NTSC/PAL) 4ch	_	● *3	_	_	_
RGB input unit	GT16M-R2	For analog RGB input 2ch	*2	_	-	_	_
	GT15V-75R1	For analog RGB input 1ch	-	*3	-	_	_
Vid /BOD :t	GT16M-V4R1	For video input (NTSC/PAL) 4ch / analog RGB 1ch composite input	*2	_	_	_	_
Video/RGB input unit	GT15V-75V4R1	For video input (NTSC/PAL) 4ch / analog RGB 1ch composite input	_	*3	_	_	_
DCD autout unit	GT16M-ROUT	For analog RGB output 1ch	● *2	_	-	_	_
RGB output unit	GT15V-75ROUT	For analog RGB output	_	● *3	_	_	_
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*1			-	_	_
Sound output unit	GT15-SOUT	For sound output		•	_	_	_
External input/autaut unit	GT15-DIOR	For external input/output devices and operation panel connection (negative common input / source type output)	•	•	_	_	_
External input/output unit	GT15-DIO	For external input/output devices and operation panel connection (positive common input / sink type output)			_	_	_

- *1: Includes unit to be installed on the control panel, unit to be installed on the GOT, and connection cable (0.8m).

 *2: Excluding GT16___-VNB__.

 *3: Only GT1585V and GT1575V are applicable.

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Software

Product name	Model name	Contents		
GT Works3 Version1	SW1DNC-GTWK3-E	Single license <english version=""></english>		
ar worked version	SW1DNC-GTWK3-EA	Multiple-license <english version=""></english>		
License key for GT SoftGOT1000*1	GT15-SGTKEY-U	For USB port		
License key for all solido i 1000*	GT15-SGTKEY-P	For parallel port		
Personal computer remote operation	GT16-PCRAKEY	1 license		
function (Ethernet) license*2	GT16-PCRAKEY	Tilderise		

*1: To use GT SoftGOT1000, a license key for GT SoftGOT1000 is necessary for each personal computer.
*2: 1 license is required for 1 GOT unit.

Options

Options								
Product name	Model name	Spe	cifications	GT16	Appl GT15	licable n	nodel Handy GOT	GT10
	GT16-90XLTT		For GT1695M-XTB	0110	-	-	- Italiay GOT	-
	GT16-80SLTT		For GT1685M-STB	•		_	_	
	GT16-70SLTT		For GT1675M-STB	•	_	_	_	
	GT16-70VLTT		For GT1675M-VTB	•	_	_	_	_
	GT16-70VLTN NEW		For GT1675-VNB /GT1672-VNB	•	_	_	_	_
	GT16-60SLTT		For GT1665M-STB		_	_	_	_
	GT16-60VLTT		For GT1665M-VTB	•		_	_	_
Backlight	GT16-60VLTN NEW	Backlight	For GT1662-VNB	•		_	_	_
	GT15-90XLTT		For GT1595-XTB	_	•	_	_	_
	GT15-80SLTT		For GT1585V-STB /GT1585-STB	_	•	_	_	_
	GT15-70SLTT		For GT1575-STB *1	_		_	_	_
	GT15-70VLTT		For GT1575V-STB_/GT1575-VTB_/GT1575-STB_*2	_	•	_	_	
	GT15-70VLTN		For GT1575-VNB /GT1572-VNB	_		_	_	
	GT15-60VLTT		For GT1565-VTB			_	_	
	GT15-60VLTN		For GT1562-VNB	-	•	_	_	
	GT16-MESB		For MES interface function	•	_	_	_	
	GT15-FNB	Optional function board	(No expansion memory)		•	_	_	
	GT15-QFNB	* The required optional function board	(No expansion memory)		•			
Optional function board	GT15-QFNB16M	varies depending on the GOT main unit	+ 16MB expansion memory	_	•	_	_	
	GT15-QFNB32M	and function. For the details, see "Notes for use"	+ 32MB expansion memory	-	•			
	GT15-QFNB48M	(page 69).	+ 48MB expansion memory + 48MB expansion memory	-	•		_	
	GT15-MESB48M GT11-50FNB	(1-1-3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	+ 48MB expansion memory	-	_	● *3	■ *10	
GT10 memory loader	GT10-LDR	For GT1030/GT1030 /for OS project	data transfer) no power source required	_	_	-	- *10	* 7
GT10 memory board	GT10-50FMB	For GT1050/GT1020 (for OS project		-	-	_		* 8
GTTO Memory board	GT16-90PSCB	FOI GT 105_/GT 104_ (IOI OS and	Clear, 5 sheets	•				_
	GT16-90PSGB		Anti-glare, 5 sheets		_	_	_	_
	GT16-90PSCW		Clear (frame: white), 5 sheets	•		_	_	_
	GT16-90PSGW		Anti-glare (frame: white), 5 sheets			_	_	_
	GT15-90PSCB	Protective sheet for 15" screen	Clear, 5 sheets	_	•	_	_	
	GT15-90PSGB		Anti-glare, 5 sheets	_	•	_	_	_
	GT15-90PSCW		Clear (frame: white), 5 sheets		•	_	_	_
	GT15-90PSGW		Anti-glare (frame: white), 5 sheets		•	_	_	_
	GT16-80PSCB		Clear, 5 sheets	•	_	_	_	_
	GT16-80PSGB		Anti-glare, 5 sheets	•	-	-	-	_
	GT16-80PSCW		Clear (frame: white), 5 sheets	•	_	_	_	_
	GT16-80PSGW	Protective sheet for 12.1" screen	Anti-glare (frame: white), 5 sheets		_	-	_	_
	GT15-80PSCB	Trotective sheet for 12.1 Screen	Clear, 5 sheets	_		_	_	_
	GT15-80PSGB		Anti-glare, 5 sheets	_	•	_	_	_
	GT15-80PSCW		Clear (frame: white), 5 sheets	_	•	_	_	
	GT15-80PSGW		Anti-glare (frame: white), 5 sheets		•	_	_	
	GT16-70PSCB		Clear, 5 sheets	•	_	_	_	
	GT16-70PSGB		Anti-glare, 5 sheets	•	_	_	_	
	GT16-70PSCW		Clear (frame: white), 5 sheets	•	_	_	_	
	GT16-70PSGW	Protective sheet for 10.4" screen	Anti-glare (frame: white), 5 sheets	-	_			
	GT15-70PSCB		Clear, 5 sheets		•			
	GT15-70PSGB		Anti-glare, 5 sheets Clear (frame: white), 5 sheets	-	•	_	_	
	GT15-70PSCW		71	-		-	-	
	GT15-70PSGW GT16-60PSCB		Anti-glare (frame: white), 5 sheets Clear, 5 sheets	•	_	_		
Protective sheet	GT16-60PSGB		Anti-glare, 5 sheets		_	_	_	
	GT16-60PSCW		Clear (frame: white), 5 sheets		_	_	_	_
	GT16-60PSGW		Anti-glare (frame: white), 5 sheets		-	_	_	
	GT15-60PSCB	Protective sheet for 8.4" screen	Clear, 5 sheets		•	-	_	
	GT15-60PSGB		Anti-glare, 5 sheets	_	•	_	_	
	GT15-60PSCW		Clear (frame: white), 5 sheets	-	•	_	-	
	GT15-60PSGW		Anti-glare (frame: white), 5 sheets	-	•	_	_	_
	GT16H-60PSC Coming soon	Protective sheet for 6.5" screen (for Handy GOT)	Clear, 5 sheets	-	_	_	*11	_
	GT15-50PSCB		Clear, 5 sheets	_		_	_	_
	GT15-50PSGB	Protective sheet for 5.7" screen	Anti-glare, 5 sheets	_		_	_	
	GT15-50PSCW	(for GT15)	Clear (frame: white), 5 sheets	_	•	_	_	
	GT15-50PSGW		Anti-glare (frame: white), 5 sheets	_	•	_	_	
	GT11-50PSCB		Clear, 5 sheets	_	_		_	
	GT11-50PSGB	Protective sheet for 5.7" screen	Anti-glare, 5 sheets			•	_	
	GT11-50PSCW	(for GT11)	Clear (frame: white), 5 sheets	_		•	_	
	GT11-50PSGW	D	Anti-glare (frame: white), 5 sheets	_	_	•	_	
	GT11H-50PSC	Protective sheet for 5.7" screen (for Handy GOT)	Clear, 5 sheets	_		_	*10	
	GT10-50PSCB		Clear, 5 sheets				_	•
	GT10-50PSGB	Protective sheet for 5.7" screen	Anti-glare, 5 sheets	-		_	_	•
	GT10-50PSCW	(for GT105□)	Clear (frame: white), 5 sheets	-				•
	GT10-50PSGW		Anti-glare (frame: white), 5 sheets	-		_	_	•
	GT10-40PSCB	Protective about for 4.7" acres	Clear, 5 sheets				_	•
	GT10-40PSGB	Protective sheet for 4.7" screen	Anti-glare, 5 sheets	_	_		_	•
	GT10-40PSCW GT10-40PSGW	(for GT104_)	Clear (frame: white), 5 sheets Anti-glare (frame: white), 5 sheets	-	-		_	•
	GTTO TOT OCKY	I.	/ una giare (maine. write), 3 streets					

Options

Product name	Model name			Applicable mod						
r roddet name	Model Hame		Орс			GT16	GT15	GT11	Handy GOT	GT1
	GT10-30PSCB			Clear, 5 sheets		_	_	_	_	•
	GT10-30PSGB	Protective sheet	for 4.5" screen	Anti-glare, 5 sheets		_	_	_	_	•
	GT10-30PSCW	(for GT1030)		Clear (frame: white), 5 she	ets	_	_	_	-	•
	GT10-30PSGW			Anti-glare (frame: white), 5	sheets	_	-	_	_	•
Protective sheet	GT10-20PSCB			Clear, 5 sheets		_	-	-	_	•
	GT10-20PSGB	Protective sheet	for 3.7" screen	Anti-glare, 5 sheets		_	-	_	_	•
	GT10-20PSCW	(for GT1020)		Clear (frame: white), 5 she	ets			_	_	
	GT10-20PSGW	,		Anti-glare (frame: white), 5				_	_	
	GT16-UCOV	Protective cover	for USB interface	For 15"/12.1"/10.4"/8.4"		•		_	_	_
USB protective cover	GT15-UCOV	on main unit from		For 15"/12.1"/10.4"/8.4"		_		_	_	_
002 p.0.000	GT11-50UCOV	(for replacement)		For 5.7"		_	•	•	_	_
	GT05-90PCO	Oil resistant cove		1.0.0.		•	•	_	_	_
	GT05-80PCO		er for 12.1" screen			•	•	_	_	_
	GT05-70PCO		er for 10.4" screen			•	•	_	_	_
Oil resistant cover*5	GT05-60PCO	Oil resistant cove				•			_	_
On resistant cover	GT05-50PCO	Oil resistant cove				_		•	_	•
	GT10-30PCO (NEW)	Oil resistant cove					_	_	_	
	GT10-30PCO MEW	Oil resistant cove				-	_	_		
	GT16H-60ESCOV Coming soon					_	-	_	*11	_
Emergency stop switch guard	GT11H-50ESCOV	For accidental op	For accidental operation prevention of emergency stop switch				 		*10	
	GT15-90STAND	Stand for 15" typ	Chand for 15% inco				•		*10	_
						•				
Stand	GT15-80STAND Stand for 12.1" type GT15-70STAND Stand for 10.4"/8.4" type									_
	GT15-70STAND						•	_		_
	GT05-50STAND	Stand for 5.7" typ 128MB flash ROI			_	•	•		•	
	GT05-MEM-128MC					•	•	•	•	
	GT05-MEM-256MC	256MB flash ROM								
	GT05-MEM-512MC		M			•	•	•	•	-
CF card	GT05-MEM-1GC	1GB flash ROM				•	•	•	•	_
	GT05-MEM-2GC	2GB flash ROM				•	•	•	•	_
	GT05-MEM-4GC	4GB flash ROM			•		_	*11	_	
	GT05-MEM-8GC	8GB flash ROM		•			*11	_		
	GT05-MEM-16GC	16GB flash ROM				•	_	_	*11	_
Memory card adapter	GT05-MEM-ADPC	CF card→memoi	ry card (TYPE II) co	nversion adapter		•		•		_
	GT15-70ATT-98		A985GOT *6		_			_	-	_
	GT15-70ATT-87	Attachment for 10.4" type	A870GOT-SWS A870GOT-TWS A8GT-70GOT-TW	A8GT-70GOT-TB A8GT-70GOT-SW A8GT-70GOT-SB	GT167□ →GT157□	•	•	_	_	_
	GT15-60ATT-97		A97_GOT					_	_	_
	GT15-60ATT-96		A960GOT		1			_	_	_
Attachment	GT15-60ATT-87	Attachment for	A870GOT-EWS A8GT-70GOT-EW	A77GOT-EL-S5 A77GOT-EL-S3	GT166□		•	_	_	_
		8.4" type	A8GT-70GOT-EB A77GOT-CL-S5	A77GOT-L-S5	→GT156□					
	GT15-60ATT-77	Au	A77GOT-CL-S3 A77GOT-CL	A77GOT-L-S3 A77GOT-L	OT455		•	_	_	
	GT15-50ATT-95W	Attachment for	A956WGOT A85 GOT		GT155□ →GT115□	_	•	•		
	GT15-50ATT-85 GT15-BAT	5.7" type		maintenance time notificati		•	•	-	→ *11	
Battery	GT11-50BAT			n history, and recipe data (fo		_	_	•	*10	•
11: Function version B or earlier 22: Function version C or later 23: Excluding GT115 \(\) \(\	n be used in the actual environment r, the front USB interface and huma co manufactured by Pro-face. d GT1020. nd GT104.		ed.							

Manuals *Manuals are supplied as PDFs with the software package in the CD-ROM. Printed manuals are also available.

Manual title	Catalog No.
GT Designer3 Version1 Screen Design Manual (Fundamentals)	SH-080866ENG
GT Designer3 Version1 Screen Design Manual (Functions) *A set of two volumes	SH-080867ENG
GOT1000 Series Connection Manual (Mitsubishi Products) for GT Works3	SH-080868ENG
GOT1000 Series Connection Manual (Non-Mitsubishi Products 1) for GT Works3	SH-080869ENG
GOT1000 Series Connection Manual (Non-Mitsubishi Products 2) for GT Works3	SH-080870ENG
GOT1000 Series Connection Manual (Microcomputer, MODBUS Products, Peripherals) for GT Works3	SH-080871ENG
GOT1000 Series Gateway Functions Manual for GT Works3	SH-080858ENG
GOT1000 Series MES Interface Function Manual for GT Works3	SH-080859ENG
GT SoftGOT1000 Version3 Operating Manual for GT Works3	SH-080861ENG
GT Simulator3 Version1 Operating Manual for GT Works3	SH-080860ENG
GT Converter2 Version3 Operating Manual for GT Works3	SH-080862ENG
GOT1000 Series User's Manual (Extended Functions, Option Functions) for GT Works3	SH-080863ENG
GT16 User's Manual (Hardware)	SH-080928ENG
GT16 User's Manual (Basic Utility)	SH-080929ENG
GT15 User's Manual	SH-080528ENG
GT11 User's Manual	JY997D17501
GT16 Handy GOT User's Manual (Hardware • Utility, Connection) *A set of two volumes	Coming soon
GT11 Handy GOT User's Manual (Hardware • Utility, Connection) *A set of two volumes	JY997D20101
GT10 User's Manual	JY997D24701

			Cable				(b) b) III G	able m	louci	
P	roduct name	Model name	length	products	Application	GT16	GT15	GT11	Handy	GT10
				- 本1		arro	GIIJ	GIII	GOT	GI IU
		GT15-QC06B	0.6m							
	OCDI I sytopoion cobio	GT15-QC12B	1.2m		F					
	QCPU extension cable	GT15-QC30B	3m	1 0	For connection between QCPU and GOT				_	_
Bus connection	GOT-to-GOT connection cable	GT15-QC50B	5m	1	For connection between GOT and GOT		_	_		
				-						
cable for		GT15-QC100B	10m							
QCPU (Q mode)	Long distance connection	GT15-QC150BS	15m							
	Long-distance connection	GT15-QC200BS	20m	1	For long-distance (13.2m or more) connection between					
	cable for QCPU				QCPU and GOT (A9GT-QCNB required)				_	
	GOT-to-GOT long-distance	GT15-QC250BS	25m	1 0			•	_	_	_
	connection cable	GT15-QC300BS	30m		For long-distance connection between GOT and GOT					
	Connection cable	GT15-QC350BS	35m							
Bus extension conn	ector box	A9GT-QCNB	_	_	Used for QCPU long-distance (13.2m or more) bus connection	•	•	•	_	_
Dus extension conin	T COLOR BOX				cood for don't long dictarios (Tolem of more) sac definication	_	_	_		
		GT15-C12NB	1.2m		For connection between QnA/ACPU/motion controller CPU					
		GT15-C30NB	3m		(A series, extension base) and GOT				-	_
		GT15-C50NB	5m]	(A series, extension base) and GOT					
		GT15-AC06B	0.6m							
				-						
	Large CPU	GT15-AC12B	1.2m	0	For connection between QnA/ACPU/motion controller CPU				l _	_
	_	GT15-AC30B	3m		(A series, extension base) and A7GT-CNB	_	_	_		
	extension cable	GT15-AC50B	5m	1						
					5					
		GT15-A370C12B-S1	1.2m	-	For connection between motion controller CPU		•		l _	_
		GT15-A370C25B-S1	2.5m		(A series, main base) and GOT		•	_		
		GT15-A370C12B	1.2m		For connection between motion controller CPU					
									-	_
		GT15-A370C25B	2.5m	_	(A series, main base) and A7GT-CNB	-				
		GT15-A1SC07B	0.7m		For connection between OnAC/AnCCRI I/metion controller CRI I					
		GT15-A1SC12B	1.2m		For connection between QnAS/AnSCPU/motion controller CPU			•	_	_
Rue connection		GT15-A1SC30B		1	(A series) and GOT	-	-			
Bus connection			3m	-	5	_	-	_		
cable for	Small CPU extension cable	GT15-A1SC50B	5m	0	For connection between QnAS/AnSCPU and GOT				_	_
QnA/ACPU/motion	Call Of O CAGIISION Cable	GT15-A1SC05NB	0.45m		For connection between O-AC/A-CODI//- **	T				
controller CPU					For connection between QnAS/AnSCPU/motion controller CPU				_	_
		GT15-A1SC07NB 0.7m (A series) and A7GT-CNB		(A series) and A7GT-CNB	-	-	_			
(A series)		GT15-A1SC30NB	3m							
		GT15-A1SC50NB	5m	0	For connection between QnAS/AnSCPU and A7GT-CNB				_	_
				<u> </u>	For long-distance connection between QnAS/AnSCPU/					
	GT15-C100EXSS-		10.6m	1	-					
	Small CPU long-distance	GT15-C200EXSS-1	20.6m		motion controller CPU (A series) and GOT		•	•	_	_
	connection cable	G110 02002/100 1	20.0	~	For long-distance connection between A7GT-CNB and GOT	_	_	_		
		GT15-C300EXSS-1	30.6m		*Set of GT15-EXCNB and GT15-C BS					
		OT45 007D0	0.7							
		GT15-C07BS	0.7m							
	GOT-to-GOT	GT15-C12BS	1.2m		For connection between GOT and GOT				_	
	connection cable	GT15-C30BS	3m	1 9	For connection between GOT and GOT		•	•	_	_
		GT15-C50BS	5m	1						
	GOT-to-GOT long-distance	GT15-C100BS	10m							
	_	GT15-C200BS	20m		For connection between GOT and GOT				-	_
	connection cable	GT15-C300BS	30m	1		-				
	AO IOLIODI Iti			_					_	_
	A0J2HCPU connection cable	GT15-J2C10B	1m	0	For connection between power supply unit (A0J2-PW) for A0J2HCPU and GOT				_	_
Bus connector conv	ersion box	A7GT-CNB	_	_	Used for QnA/ACPU long-distance bus connection				_	_
		GT15-EXCNB	0.5m	0	Usable as GT15-C EXSS-1 in combination with GT15-C BS	•	•	•	_	_
Buffer circuit cable										
Buffer circuit cable	Shua aabla (tura naak)			-						
Ferrite core set for C	Q bus cable (two-pack)	GT15-QFC	_		Ferrite cores for replacing existing GOT-A900 bus cable with	•	•	•	_	_
Ferrite core set for C	Q bus cable (two-pack) A bus cable (two-pack)			0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000	•			-	-
Ferrite core set for A	A bus cable (two-pack)	GT15-QFC GT15-AFC		0	Ferrite cores for replacing existing GOT-A900 bus cable with					
Ferrite core set for C	A bus cable (two-pack)	GT15-QFC	_		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and	•			-	-
Ferrite core set for A	A bus cable (two-pack)	GT15-QFC GT15-AFC GT16-C02R4-9S	- - 0.2m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins)					
Ferrite core set for A	A bus cable (two-pack)	GT15-QFC GT15-AFC		0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit	•				
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack)	GT15-QFC GT15-AFC GT16-C02R4-9S	- - 0.2m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins)					
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack)	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10	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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of	•				
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack)	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20	0.2m 0.5m 1m 2m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit	•				
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack)	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P	0.2m 0.5m 1m 2m 3m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU	•				
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack)	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20	0.2m 0.5m 1m 2m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT	•	-	-	_	-
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack)	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P	0.2m 0.5m 1m 2m 3m 10m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit 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	•			_	
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P	0.2m 0.5m 1m 2m 3m 10m 20m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVICBL and GOT For connection between serial communication unit and GOT	•	-	-	_	-
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C300R4-25P	- 0.2m 0.5m 1m 2m 3m 10m 20m 30m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit 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	•	-	-	_	-
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C300R4-25P GT01-C300R4-25P GT10-C300R4-25P	0.2m 0.5m 1m 2m 3m 10m 20m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVICBL and GOT For connection between serial communication unit and GOT	•	-	-	-	-
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT01-C300R4-25P	- 0.2m 0.5m 1m 2m 3m 10m 20m 30m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT	•	-	-	- - •*3	
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_GBL 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	•	-	-	-	-
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C20R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P 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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit	•	-	-	- - •*3	
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 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	0.2m 0.5m 1m 2m 3m 10m 20m 30m 30m 10m 20m 30m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_GBL 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	
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI—CBL and GOT For connection between Serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between connection connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit (AJ71QC24(N)-R4) and GOT	•	-	-	- - *3	
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 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	0.2m 0.5m 1m 2m 3m 10m 20m 30m 30m 10m 20m 30m		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit	• • • • • • • • • • • • • • • • • • • •	•	-	- - •*3	 ●*4
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C	0.2m 0.5m 1m 2m 3m 10m 20m 30m 3m 10m 20m 30m 30m 30m 30m 30m	0	Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI—CBL and GOT For connection between Serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between connection connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit (AJ71QC24(N)-R4) and GOT	•	-	-	- - *3	
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C20R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C100R4-6C	0.2m 0.5m 1m 2m 3m 10m 20m 30m 3m 10m 20m 30m 30m 20m 30m 30m 20m		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	• • • • • • • • • • • • • • • • • • • •	•	-	- - *3	 ●*4
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C	0.2m 0.5m 1m 2m 30m 30m 30m 30m 30m 20m 30m 30m 30m 30m 30m 30m 30m 30m 30m 3		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	• • • • • • • • • • • • • • • • • • • •	•	-	- - *3	 ●*4
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C20R4-25P GT01-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C100R4-6C	0.2m 0.5m 1m 2m 3m 10m 20m 30m 3m 10m 20m 30m 30m 20m 30m 30m 20m		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	• • • • • • • • • • • • • • • • • • • •	•	-	- - *3	 ●*4
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	• • • • • • • • • • • • • • • • • • • •	•	-	- - *3	 ●*4
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C30R4-25P GT01-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C30R4-8P	0.2m 0.5m 1m 2m 3m 10m 20m 30m 3m 10m 20m 30m 3m 11m 3m		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT	• **6 - **6	•	-		- - - •*4
Ferrite core set for A Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C10R4-8P GT01-C30R4-8P GT01-C30R4-8P	0.2m		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between GnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI—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 (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between computer link unit and GOT	• • • • • • • • • • • • • • • • • • • •	-	• • • • • • • • • • • • • • • • • •		 ●*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C10R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between computer link unit and GOT For connection between computer link unit and GOT	• **6 - **6	-	• • • • • • • • • • • • • • • • • •		- - - •*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit 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 serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between computer link unit and GOT For connection between computer link unit and GOT	-	-	• • • • • • • • • • • • • • • • • •		- - - •*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C10R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL and GOT For connection between serial communication unit and GOT For connection between AJ65BT-G4-S3 and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between computer link unit and GOT For connection between computer link unit and GOT	-	-	• • • • • • • • • • • • • • • • • •		- - - •*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable Computer link	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit 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 serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between computer link unit and GOT For connection between computer link unit and GOT	-	-	• • • • • • • • • • • • • • • • • •		- - - •*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C10R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVICBL and GOT For connection between FA-CNVICBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function	-	-	• • • • • • • • • • • • • • • • • •		- - - •*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVICBL and GOT For connection between FA-CNVICBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function	-	-	• • • • • • • • • • • • • • • • • •		- - - •*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVICBL and GOT For connection between FA-CNVICBL and GOT For connection between AJ65BT-G4-S3 and GOT For connection between AJ65BT-G4-S3 and GOT For connection between serial communication unit and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable FXCPU direct connection cable FXCPU direct connection cable FX communication	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between GnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		- - - •*4
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 (AJ71QC24(N)-R4) and GOT For connection between serial communication unit 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 (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	A bus cable (two-pack) cable ock conversion unit QnA/A/FXCPU direct connection cable Computer link connection cable FXCPU direct connection cable FXCPU direct connection cable FX communication	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 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-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P	0.2m 0.5m 1m 2m 20m 30m 10m 20m 30m 30m 10m 20m 30m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 30m 30m 3		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between GnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C200R4-25P GT01-C30R4-25P GT10-C30R4-25P GT10-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV CBL and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT 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 (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 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-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P	0.2m 0.5m 1m 2m 20m 30m 10m 20m 30m 30m 10m 20m 30m 30m 30m 10m 30m 30m 30m 30m 30m 30m 30m 30m 30m 3		Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit 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 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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 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 GT10-C300R4-25P GT10-C300R4-25P GT01-C300R4-25P GT01-C300R4-25P GT01-C300R4-8C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV CBL and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT 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 (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT01-C30R4-25P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P GT10-C100R4-8P GT10-C100R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV_CBL and GOT For connection between serial communication unit and GOT For connection between Serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT 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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 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 GT10-C300R4-25P GT10-C300R4-25P GT01-C300R4-25P GT01-C300R4-25P GT01-C300R4-8C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-428 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between GnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL 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 GnA/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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (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 (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 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-C30R4-8C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between Qna/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 Gna/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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	-	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P 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-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNV CBL and GOT For connection between serial communication unit and GOT For connection between Serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT 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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	● ◆ 6 · · · · · · · · · · · · · · · · · ·	-	• • • • • • • • • • • • • • • • • •	- 0 13 - 0 13 - 0 14 1 - 0 14	
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 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-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C30R4-8P 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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between Qna/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 Gna/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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	● ◆ 6 · · · · · · · · · · · · · · · · · ·	-	• • • • • • • • • • • • • • • • • •	- 0 13 - 0 13 - 0 14 1 - 0 14	
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P 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-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 GnA/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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	● ◆ 6 · · · · · · · · · · · · · · · · · ·	-	• • • • • • • • • • • • • • • • • •	- 0 13 - 0 13 - 0 14 1 - 0 14	
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 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-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C30R4-8P 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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit 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 serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Radia Communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT	• • • • • • • • • • • • • • • • • • •	•	•	- 0 13 - 0 13 - 0 14 1 - 0 14	
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT01-C30R4-8C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 GnA/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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT	● ◆ 6 · · · · · · · · · · · · · · · · · ·	-	• • • • • • • • • • • • • • • • • •		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 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-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT01-C300R4-8P GT10-C300R4-8P GT10-C30R4-8P 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) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit 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 serial communication unit and GOT For connection between QnA/A/FXCPU (D-sub 25-pin connector) and GOT For connection between Radia Communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT	• • • • • • • • • • • • • • • • • • •	•	•		
Ferrite core set for C Ferrite core set for A RS-422 conversion RS-485 terminal bl	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT01-C30R4-8C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between Qna/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 Gna/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 communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT	• • • • • • • • • • • • • • • • • • •	•	•		
Ferrite core set for C Ferrite core set for A RS-422 conversion	Abus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable O/LCPU direct connection cable	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT01-C30R4-8C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_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 GnA/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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board (MINI-DIN	• • • • • • • • • • • • • • • • • • •	•	•		
Ferrite core set for C Ferrite core set for A RS-422 conversion RS-485 terminal bl	Abus cable (two-pack) cable Ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL20 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT10-C30R4-25P GT01-C30R4-8C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-6C GT09-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C10R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-428 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between GnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between Serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU comm	• • • • • • • • • • • • • • • • • • •	•	•		
Ferrite core set for C Ferrite core set for A RS-422 conversion RS-485 terminal bl	Abus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable O/LCPU direct connection cable	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 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 GT10-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT09-C300R4-6C GT01-C10R4-8P GT01-C30R4-8P GT01-C30R4-8P GT01-C30R4-8P GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-425 cable (D-sub 9 pins) RS-425 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between QnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL 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 AJ65BT-G4-S3 and GOT For connection between serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function \$\frac{1}{2}\$ For connection between FXCPU and GOT/Personal computer (GT SoftGOT1000) (D-sub 9-pin) For connection between Q/LCPU and GOT/For connection between GOT and GOT For connection between GOT and GOT For connection between GOT and GOT	• • • • • • • • • • • • • • • • • • •	•	•		
Ferrite core set for C Ferrite core set for A RS-422 conversion RS-485 terminal bl	Abus cable (two-pack) cable ock conversion unit OnA/A/FXCPU direct connection cable Computer link connection cable Computer link connection cable FXCPU direct connection cable FX communication function extension board connection cable O/LCPU direct connection cable	GT15-QFC GT15-AFC GT15-AFC GT16-C02R4-9S FA-LTBGTR4CBL05 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 FA-LTBGTR4CBL10 GT01-C30R4-25P GT01-C100R4-25P GT01-C200R4-25P GT10-C200R4-25P GT10-C200R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-25P GT10-C300R4-6C 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 GT10-C30R4-8P			Ferrite cores for replacing existing GOT-A900 bus cable with bus cable for GOT1000 For connection between RS-422/485 (connector) of GT16 and RS-422 cable (D-sub 9 pins) RS-428 cable (D-sub 9 pins) RS-485 terminal block conversion unit *With cable for connection between RS-422/485 (connector) of GT16 and RS-485 terminal block conversion unit For connection between GnA/ACPU/motion controller CPU (A series)/FXCPU (D-sub 25-pin connector) and GOT For connection between FA-CNVI_CBL and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between Serial communication unit (AJ71QC24(N)-R4) and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between serial communication unit and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (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 (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between FXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU communication function extension board (MINI-DIN 8-pin connector) and GOT For connection between PXCPU comm	• • • • • • • • • • • • • • • • • • •	•	•		

Cables

	Product name	Model name	Cable	Third party products	Application	_	Applicable Illouel			*2
			length	*1		GT16	GT15	GT11	GOT	GT1
	FX communication function				For connection between FXCPU communication function extension board					
	extension board connection				(D-sub 9-pin connector) and GOT/personal computer (GT SoftGOT1000) (D-sub 9-pin)				1 1	
	cable. FX communication	GT01-C30R2-9S	3m	_	For connection between FXCPU communication function adapter				■*3	•
	function adapter connection	(D-sub 9-pin connec For connection betw (D-sub 9-pin, female	• • • • • • • • • • • • • • • • • • • •		(D-sub 9-pin connector) and GOT	-				
	cable, Data transfer cable		For connection between personal computer (screen design software)							
S-232 cable	Cable, Data transfer Cable				(D-sub 9-pin, female) and GOT (D-sub 9-pin, female)					
	FX communication function	OT04 000D0 05D	_		For connection between FXCPU communication special adapter (D-sub 25-pin					•
	adapter connection cable	GT01-C30R2-25P	3m	-	connector) and GOT, personal computer (GT SoftGOT1000) (D-sub 9-pin)	•	_	•	*3	*4
		GT09-C30R2-9P	3m		For connection between serial communication unit and GOT					
	Computer link	G109-030H2-9F	JIII	-	For connection between computer link unit and GOT					
	connection cable	GT09-C30R2-25P	3m	~	For connection between AJ65BT-R2N and GOT (GT09-C30R2-9P only)	-	-		*3	*4
		GT16H-CNB-42S Coming soon		-	Converts Handy GOT connector to RJ-45 for terminal block, D-sub connector or Ethernet for each signal type	_		_	* 7	
onnector conver	rsion box for Handy GOT	GT11H-CNB-37S	_		Converts D-sub 37-pin connector to terminal block and D-sub 9-pin connector	_	! -	-	*8	
		GT16H-C30-42P Coming soon	3m		Converts b-sub 37-pin connector to terminal block and b-sub 3-pin connector		_			
		GT16H-C60-42P Coming soon	6m	l _	For connection between connector conversion box and Handy	_	l _	l _	•	_
		GT16H-C100-42P Coming soon	10m	-	GOT		-	_	*7	_
		GT16H-C30-32P Coming soon	3m							
		GT16H-C50-32P Coming soon	5m	4 – I	For connection between CC-Link interface unit and Handy GOT	_	l _	_		_
ternal	FA device, power supply	GT16H-C80-32P Coming soon	8m		To connection between 55 Emiliarities and manay 451				*7	
nnection cable	and operation switch	GT16H-C130-32P Coming soon	13m							
onnection capie	connection cable	GT11H-C30-37P	3m		F					
		GT11H-C60-37P	6m	1 –	For connection between FA device connection relay cable	-	-	_		_
		GT11H-C100-37P	10m	1	and GOT				*8	
		GT11H-C30	3m							
		GT11H-C60	6m	1 -	For connection between FA device, power supply and operation switches and GOT	_	-	_		_
		GT11H-C100	10m	†					*8	
		G11111 0100		5m —	For connection between FXCPU and GOT					
	RS-422, power supply	GT11H-C15R4-8P	1.5m		For connection between power supply and operation switches and GOT	-	-	_		_
	and operation switch				For connection between A/QnACPU and GOT		-		*8	
	connection cable	GT11H-C15R4-25P	1.5m				-	_		_
A device	DO 000				For connection between power supply and operation switches and GOT		-		*8	
onnection	RS-232, power supply and	GT11H-C15R2-6P	1.5m	_	For connection between QCPU and GOT	_	_	_		_
lay cable	operation switch connection cable				For connection between power supply and operation switches and GOT		—		*8	
,		GT11H-C30-32P	3m							
	Dedicated cable for	GT11H-C50-32P	5m	_	For connection between CC-Link interface unit and Handy GOT	_	l _	_	•	_
	CC-Link interface unit	GT11H-C80-32P	8m		1 of confidential between 00-Link interface unit and riandy do i				*8	-
		GT11H-C130-32P	13m							
		GT10-C02H-6PT9P	0.2m	l _	For connection between barcode reader (D-sub 9-pin, male)	_	l _	_	_	•
	officetion cable	G110-G02H-0F19F	0.2111	_	and GOT (MINI-DIN 6-pin, male) RS-232	_	-	_	_	*5
arcode reader co			0.0	0	For connection between GOT1000 (external I/O unit) and GOT-A900 external I/O		•	_		
		GT15-C03HTB	0.3m		interface unit connection cable (A8GT-C05TK/A8GT-C30TB/user-fabricated cable)	_	_	-	_	_
	connection conversion cable				For connection between external monitor, personal computer and vision sensor and GOT	•		_	_	_
xternal I/O unit c		GT15-C50VG	5m		To combotion both con oxional monitor, porconal compater and victor concor and do r		_			
xternal I/O unit c		GT15-C50VG			For connection between personal computer (USB) and GOT (RS-232)	_				
kternal I/O unit c	е		5m _	_		_	-	-	_	*
cternal I/O unit c	e RS-232/USB conversion	GT15-C50VG			For connection between personal computer (USB) and GOT (RS-232) (Adapter and personal computer are connected with GT09-C30USB-5P.)		-		-	
xternal I/O unit c	RS-232/USB conversion adapter for data transfer	GT15-C50VG GT10-RS2TUSB-5S	_	_	For connection between personal computer (USB) and GOT (RS-232) (Adapter and personal computer are connected with GT09-C30USB-5P.) For connection between personal computer (USB) and GOT (USB mini-B)	-		-		*5
external I/O unit connained RGB cable	e RS-232/USB conversion	GT15-C50VG			For connection between personal computer (USB) and GOT (RS-232) (Adapter and personal computer are connected with GT09-C30USB-5P.)		-		-	

- Extension USB waterproof cable

 \$1: FA-LTBGTR4CBL_ is developed by Mitsubishi Electric Engineering Company Limited and sold through your local sales office.

 \$1: FA-LTBGTR4CBL_ is 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 when used together with the Handy GOT connector conversion box.

 \$4: Can be used only for GT105_ and GT104_.

 \$5: Can be used only for GT1030 and GT1020.

 \$6: To connect with R5-422485 interace of GT16 main unit, an RS-422 conversion cable (GT16-C02R4-9S) is required.

 \$7: Can be used only for GT118 Handy.

Cables for third party FA devices

			Cable	Third party		Į.	Applica	pplicable model		*2
	Product name	Model name	length	products *1	GOT connection destination	GT16	GT15	GT11	Handy GOT	GT1
	Cable for OMRON PLC	GT09-C30R20101-9P	3m		PLC CPU: CPM2A/CQM1(H)/CS1/CJ1/CJ2H/CP1E/C200HX/C200HG/ C200HE/CV500/CV1000/CV2000/CVM1 RS-232C adapter: CPM1-ClF01/CPM2C-ClF01-V1 Cable: CPM2C-CN111/CQM1-ClF02 Serial communication unit/board: CQM1-SCB41/C200HW-COM02/ C200HW-COM05/C200HW-COM06/CS1W-SCB21(-V1)/CS1W-SCB41(-V1)/ CS1W-SCU21(-V1)/CJ1W-SCU21(-V1)/CJ1W-SCU41(-V1)/CP1W-ClE01					*4
		GT09-C30R20102-25S	3m	1	Connection cable: CQM1-CIF01					
		GT09-C30R20103-25P	3m	-	Base mount type host link unit: C500-LK201-V1/C200H-LK201-V1					
	Cable for KEYENCE PLC	GT09-C30R21101-6P	3m	1	PLC CPU: KV-700/1000/3000					
		GT09-C30R21102-9S	3m	1	Multi-communication unit: KV-L20/KV-L20R/KV-L20V (port 1)					
	0 H / 0 H / 1	GT09-C30R21103-3T	3m	-	Multi-communication unit: KV-L20/KV-L20R/KV-L20V (port 2) PLC CPU: JW-22CU/70CUH/100CUH/100CU					-
	Cable for Sharp Manufacturing		3m	3m P 3m R 3m D	PLC CPU: JW-32CUH/33CUH/Z-512J		•			
	Systems PLC	GT09-C30R20602-15P				•				
RS-232 cable	Cables for JTEKT PLC Cable for Shinko Technos digital indicating controller	GT09-C30R21201-25P GT09-C30R21401-4T	3m 3m		RS-232/RS-422 converter: TXU-2051 Digital indicating controller: FCR-100/FCD-100/FCR-23A/PC-900/FIR series			•	*3	
	Cable for	GT09-C30R20501-9P	3m		PLC CPU: T2E					
	TOSHIBA PLC	GT09-C30R20502-15P	3m	1	PLC CPU: T2N					
	Cable for Hitachi Industrial Equipment Systems PLC	GT09-C30R20401-15P	3m		PLC CPU: Large-size H series/H200 to 252 series/H series board type/EH-150 series Intelligent serial port module: COMM-H/COMM-2H					-
	Equipment Systems PLC	GT09-C30R20402-15P	3m	1	PLC CPU: H-4010/H-252C/EH-150 series					
	Cable for Hitachi PLC	GT09-C30R21301-9S	3m	1	Communication module: LQE560/LQE060/LQE160					
	Cable for Fuji Electric FA			1	RS-232C interface card: NV1L-RS2					
	Components & Systems PLC	GT09-C30R21003-25P	3m		RS-232C/485 interface capsule: FFK120A-C10					
	Components & Systems 1 EO			1	General interface module: NC1L-RS2/FFU120B					
		GT09-C30R20901-25P	3m]	RS-422→232 conversion adapter: AFP8550					
	Cable for Panasonic Electric Works	GT09-C30R20902-9P	3m		PLC CPU: FP2/FP2SH/FP3/FP5/FP10(S)/FP10SH/FP-M Computer communication unit: AFP2462/AFP3462/AFP5462					
	PLC	GT09-C30R20903-9P	3m	1	PLC CPU: FP1-C24C/C40C					*4
		GT09-C30R20904-3C	3m		PLC CPU: FP1-C16CT/C32CT/FPOR					

Cables for third party FA devices

	Product name		Model name	Cable length	products	GOT connection destination	GT16	Applic GT15		Handy	*2 / G
			GT09-C30R20201-9P	3m	4-1	PLC CPU: GL120/GL130/MP-920/MP-930/CP-9200(H)/PROGIC-8 (port 1) MEMOBUS module: JAMSC-IF60/JAMSC-IF61 Communication module: 217IF/CP-217IF (when connected to CN1)/				GOI	
	Cable for	B. 6	GT09-C30R20202-15P	3m	-	217IF-01/218IF-01 PLC CPU: PROGIC-8 (port 2)	-				
	YASKAWA Electri	PLC	GT09-C30R20203-9P	3m	1	PLC CPU: CP-9300MS	1				
			GT09-C30R20204-14P GT09-C30R20205-25P	3m 3m	1	PLC CPU: MP-940 MEMOBUS module: CP-217IF (when connected to CN2)	1				
S-232 able			GT09-C30R20301-9P	3m	-	Yokogawa Electric personal computer module: LC01-0N/LC02-0N CPU port/D-sub 9-pin conversion cable: KM10-0C/KM10-0S	•				\vdash
u0.0	Cable for Yokogawa Electric PLC		GT09-C30R20302-9P GT09-C30R20305-9S	3m	1	Personal computer link module: F3LC01-1N/F3LC11-1N/F3LC11-1F/F3LC12-1F PLC CPU: NFCP100/NFJT100	1				
	Cable for Yokogaw temperature contro		GT09-C30R20304-9S	3m 3m		Converter: ML2-					
	Cable for Allen-Bradle (Rockwell Automation	Inc.) PLC	GT09-C30R20701-9S	3m		PLC CPU: SL500 series					
	Cable for Siemens AG PLC		GT09-C30R20801-9S	3m		HMI adapter					
			GT09-C30R40101-9P	3m	1	PLC CPU: CV500/CV1000/CV2000/CVM1		1			
			GT09-C100R40101-9P GT09-C200R40101-9P	10m 20m	1	Serial communication unit: CJ1W-SCU41 Serial communication board: CQM1-SCB41/CS1W-SCB41					
			GT09-C300R40101-9P	30m		Communication board: C200HW-COM03/COM06					
	Cable for		GT09-C30R40102-9P GT09-C100R40102-9P	3m 10m	-						
	OMRON PLC		GT09-C200R40102-9P	20m		Base mount type host link unit: C200H-LK202-V1/C500-LK201-V1					
			GT09-C300R40102-9P GT09-C30R40103-5T	30m 3m	-		-				
			GT09-C100R40103-5T	10m]	Communication board: CP1W-CIF11/CP1W-CIF12/CJ1W-CIF11					
			GT09-C200R40103-5T GT09-C300R40103-5T	20m 30m	1	The state of the s					
			GT09-C30R41101-5T	3m	1		1				
	Cable for KEYENCE PLC		GT09-C100R41101-5T GT09-C200R41101-5T	10m 20m	+	Multi-communication unit: KV-L20/KV-L20R/KV-L20V (port 2)					
	NETENOE PLO		GT09-C300R41101-5T	30m	1						
			GT09-C30R40601-15P	3m]						
			GT09-C100R40601-15P GT09-C200R40601-15P	10m 20m	1	PLC CPU: JW-22CU/70CUH/100CUH/100CU					
			GT09-C300R40601-15P	30m			-				
	Cable for		GT09-C30R40602-15P GT09-C100R40602-15P	3m 10m	+						
	Sharp Manufactur Systems PLC	ng	GT09-C200R40602-15P	20m		PLC CPU: JW-32CUH/33CUH/Z-512J					
	Gyotomo i 20		GT09-C300R40602-15P GT09-C30R40603-6T	30m 3m	-		-				
			GT09-C100R40603-6T	10m		Link unit: JW-21CM/JW-10CM/ZW-10CM					
			GT09-C200R40603-6T GT09-C300R40603-6T	20m 30m	-	Link drift. 544-2101W/544-1001W/244-1001W					
			GT09-C30R41201-6C	3m			1				
	Cable for JTEKT PLC		GT09-C100R41201-6C GT09-C200R41201-6C	10m 20m	1	PLC CPU: PC3J/PC3JL Communication module: PC/CMP2-LINK					
			GT09-C300R41201-6C	30m	0	Oommunication module. 1 O/OWN 2-Envio		•	•	*3	
			GT09-C30R40501-15P GT09-C100R40501-15P	3m	-						
			GT09-C200R40501-15P	10m 20m	1	PLC CPU: T2/T3/T3H/model3000(S3)					
			GT09-C300R40501-15P	30m	0m						
	Cable for		GT09-C30R40502-6C GT09-C100R40502-6C	3m 10m	-						
	TOSHIBA PLC		GT09-C200R40502-6C	20m	1	PLC CPU: T2E/model2000(S2)					
-422 ole			GT09-C300R40502-6C GT09-C30R40503-15P	30m 3m	1 1						
			GT09-C100R40503-15P	10m		PLC CPU: T2N	**				
			GT09-C200R40503-15P GT09-C300R40503-15P	20m 30m	-	1 20 01 0. 1214					
	Cable for		GT09-C30R40401-7T	3m	1		1				
	Hitachi Industrial		GT09-C100R40401-7T GT09-C200R40401-7T	10m 20m	-	Intelligent serial port module: COMM-H/COMM-2H					
	Equipment System	s PLC	GT09-C300R40401-7T	30m	1						
	Cable for		GT09-C30R41301-9S GT09-C100R41301-9S	3m 10m	-	PLC CPU: LQP510					
	Hitachi PLC		GT09-C200R41301-9S	20m	1	Communication module: LQE565/LQE165					
			GT09-C300R41301-9S GT09-C30R41001-6T	30m	-		-				
	Cable for Fuji Elec		GT09-C30R41001-6T	3m 10m	1	RS-232C/485 interface capsule: FFK120A-C10					
	Components & Sy PLC	iems	GT09-C200R41001-6T	20m		General interface module: NC1L-RS4/FFU120B					
			GT09-C300R41001-6T GT09-C30R40201-9P	30m 3m	1		1				\vdash
			GT09-C100R40201-9P	10m	1	MEMOBUS module: JAMSC-120NOM27100/JAMSC-IF612					
	Cable for		GT09-C200R40201-9P GT09-C300R40201-9P	20m 30m	-						
	Yaskawa Electric	LC	GT09-C30R40202-14P	3m	1		1				
			GT09-C100R40202-14P GT09-C200R40202-14P	10m 20m	-	PLC CPU: MP940					
			GT09-C300R40202-14P	30m	1						
			GT09-C30R40301-6T	3m							
			GT09-C100R40301-6T GT09-C200R40301-6T	10m 20m	1	Personal computer link module: F3LC11-2N					
	PLC		GT09-C300R40301-6T	30m	1		1				
			GT09-C30R40302-6T GT09-C100R40302-6T	3m 10m	-						
			GT09-C200R40302-6T	20m	1	Personal computer link module: LC02-0N					
	Cable for	dble for GT09-C200R40302-6T 20m	30m	1		1			1		
	Cable for Yokogawa		GT09-C300R40302-6T	2							
			GT09-C30R40303-6T GT09-C100R40303-6T	3m 10m	-	Tama and an and allow ODES 1					
	Yokogawa Electric		GT09-C30R40303-6T GT09-C100R40303-6T GT09-C200R40303-6T	10m 20m		Temperature controller: GREEN series					
	Yokogawa Electric	rature	GT09-C30R40303-6T GT09-C100R40303-6T GT09-C200R40303-6T GT09-C300R40303-6T	10m 20m 30m	-	Temperature controller: GREEN series					
	Yokogawa Electric		GT09-C30R40303-6T GT09-C100R40303-6T GT09-C200R40303-6T	10m 20m		Temperature controller: GREEN series 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.

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

 *4: Can be used only for GT105 and GT104.
- *5 : To connect with RS-422/485 interface of GT16 main unit, an RS-422 conversion cable (GT16-C02R4-9S) is necessary

Backward compatibility **Project data**

Notes for use

■GT Designer/GT Designer2 → GT Works3 compatibility *

Project data created in GT Designer2 can be used in GT Works3. Project data created in GT Designer can be used in GT Works3 after the data is converted by GT Designer2/GT Designer2 Classic.

■GOT900 series → GOT1000 series compatibility *

Using data from the GOT-A900 series

Project data for GOT-A900 series can be used in GOT1000 series. For the details, see Technical Bulletin No.GOT-A-0009 "Precautions when Replacing GOT-A900 Series with GOT1000 Series"

Using data from the GOT-F900 series

Project data for GOT-F900 series can be used in GOT1000 series. For the details, see "Replacement Guidance (for GOT1000 Series) - From GOT-F900/A950 Handy Series to GOT1000 Series" (JY997D39301).

*Some data and functions cannot be used on the GOT1000 series.

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 GT1685/GT1585, A975/970GOT(-B) and GT167 ☐/GT157 ☐, F940GOT and GT155 /GT115 /GT105 have the same panel 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.

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 availability of the function or the required optional units and devices may vary depending on the model of the GOT main unit.

The functions not listed in the table below may also require a CF card or a USB memory device depending on the application. For details, see "Function list" (page 56) and "GT Designer3 Version1 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 68).

			Require	ed optional units and devices		
	Function	GT16	GT16 Handy	GT15	GT11*6	GT10
Memory extension		CF card	CF card	Optional function board: GT15-QFNB M or GT15-MESB48M CF card	None	None
Multi-channe	el function	Not necessary	Not necessary	Optional function board: GT15-QFNB(\(\sum M \)) or GT15-MESB48M	None	None
Multimedia f	unction*1	Multimedia unit: GT16M-MMR CF card for multimedia	None	None	None	None
M: (DOD	Video input*1*2	Video input unit: GT16M-V4 or Video/RGB input unit: GT16M-V4R1	None	Video input unit: GT15V-75V4 or Video/RGB input unit: GT15V-75V4R1	None	None
Video/RGB function	RGB input*1*2	RGB input unit: GT16M-R2 or Video/RGB input unit: GT16M-V4R1	None	RGB input unit: GT15V-75R1 or Video/RGB input unit: GT15V-75V4R1	None	None
	RGB output*1 *2	RGB output unit: GT16M-ROUT	None	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	None	CF card unit: GT15-CFCD or CF card extension unit: GT15-CFEX-C08SET	None	None
Sound outpu	it function	Sound output unit: GT15-SOUT	None	Sound output unit: GT15-SOUT	None	None
Remote personal computer operation function (serial)*1*2		RGB input unit: GT16M-R2 or Video/RGB input unit: GT16M-V4R1	None	RGB input unit: GT15V-75R1		None
External input/output function, operation panel function		External input/output unit: GT15-DIO or GT15-DIOR	None	External input/output unit: GT15-DIO or GT15-DIOR		None
Gateway function		Not necessary	Not necessary	Ethernet communication unit: GT15-J71E71-100	None	None
MES interface function		Optional function board: GT16-MESB	None	Ethernet communication unit: GT15-J71E71-100 Optional function board: GT15-MESB48M	None	None
Document d	isplay function	CF card	CF card	Optional function board: GT15-QFNB(\(\subseteq M \)) or GT15-MESB48M CF card		None
Operation lo	g function	CF card	CF card CF card		None	None
Backup/resto	oration function	USB memory device or CF card	USB memory or CF card CF card		None	None
Maintenance	e time notification function	Not necessary (equipped with battery as standard feature)	Not necessary (equipped with battery as standard feature)	Battery: GT15-BAT	None	None
CNC data in	put/output function*3	USB memory device or CF card	None	CF card	None	None
Ladder monitor function*4 (when using Q/L/QnA ladder monitor function)		Not necessary	Not necessary	Optional function board: GT15-QFNB(\(\sum M \)) or GT15-MESB48M	None	None
SFC monitor	r function*4	CF card	CF card	Optional function board: GT15-QFNB M or GT15-MESB48M CF card	None	None
Motion SFC	monitor function*4	CF card	CF card	Optional function board: GT15-QFNB M or GT15-MESB48M CF card	None	None
Ladder edito	r function*5	CF card	CF card	Optional function board: GT15-QFNB M or GT15-MESB48M CF card	None	None
Report funct	ion	Printer unit: GT15-PRN (when PictBridge-compatible printer is used) CF card	None	Printer unit: GT15-PRN (when PictBridge-compatible printer is used) CF card	None	None
Hord case	Saving files on CF card	CF card	CF card	CF card	None	None
function Printing by printer		Printer unit: GT15-PRN (when PictBridge-compatible printer is used)	None	Printer unit: GT15-PRN (when PictBridge-compatible printer is used)	None	None

- #1 : Excluding GT16 VNB.
 #2 : For GT15, only GT1585V and GT1575V are applicable.
 #3 : Only XGA and SVGA of GT16 and GT15 are applicable.
 #4 : Excluding QVGA of GT155.
- *5 : Excluding GT155 ...
- *6 : Including GT11 Handy

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

When using the GT16

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

■Storage memory (ROM) and operation memory (RAM)

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

The GT16 has a 15MB* built-in flash memory for 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 (ROM)	Built-in flash memory 15MB*	Extended by CF card	1	Decompressing data from ROM to
Operation memory (RAM)		57MB*		RAM for operation

*: Differs depending on the GOT main unit model.

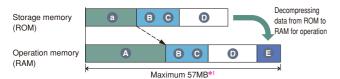
■Types and capacities of data and CF card selection

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 69
A Extended function OS and optional function OS decompressed in RAM	Capacity of "GT16(RAM)" in Table A on page 69
B Communication driver	Check with [Table B] on page 69.
© Special data	Check with a screen design software.
D Project data	Check with a screen design software.
E Buffering area	Check with a screen design software.

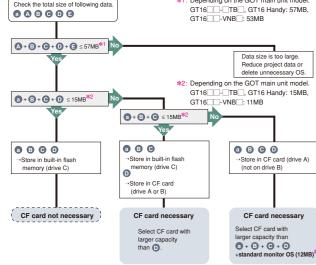
As for the extended function OS and optional function OS, when decompressing the compressed data a in the storage memory (ROM) to the operation memory (RAM), the data size becomes larger as shown in (A).

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*1, it is necessary to reduce, for instance, the project data size or delete unnecessary OS.



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

*1: Depending on the GOT main unit model Check the total size of following data GT16 - TB, GT16 Handy: 57MB, GT16 -VNB : 53MB



*: 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 GT15

■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-QENB M or GT15-MESB48M • SFC monitor function • Motion SFC monitor function
- When using the following functions, install the optional function board GT15-QFNB($\square M$) or GT15-MESB48M
- · Multi-channel function · Document display function
- MELSEC-Q/L/QnA ladder monitor function
- The following GOT requires no optional function boards when using optional functions
- · GT15: hardware version D or later

To activate the built-in optional function board in the GOT, it is necessary to install the standard monitor OS on the GOT using 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)

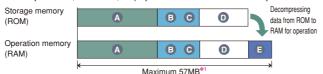
The GOT operates by decompressing the OS and project data, which is stored in the storage memory (ROM), into the operation memory (RAM). The GT15 has a 9MB* memory for the storage memory (ROM) and the operation memory (RAM) as a standard feature. When the OS or the project data exceeds 9MB*, use a CF card and an optional function board with expansion memory (GT15-QFNB_M or GT15-MESB48M) to increase the

Storage memory (ROM)	Built-in flash memory 9MB*	Extended by CF card	1	Decompressing data from ROM to
Operation memory (RAM)	I 9MR*	Extended by optional function board (GT15-QFNB M or GT15-MESB48M)		RAM for operation
*: Differs depending o	n the GOT main unit m	nodel: GT15	GT15	□-VNB□: 5MB

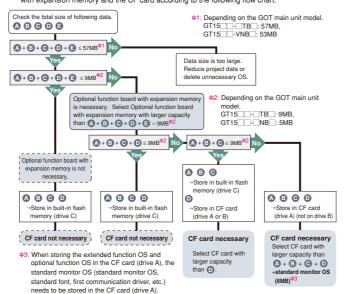
■Types and capacities of data and CF card selection

The data types and supusites 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 69					
B Second communication driver and onwards	150KB for each					
C Special data	Check with a screen design software.					
Project data	Check with a screen design software.					
Buffering area	Check with a screen design software.					

The buffering area \Box 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.



Necessity and capacity of the optional function board with expansion memory and the CF card depends 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

				User	(KB)		
			Function	GT RAM	16 ROM	GT15	GT11
П	Barcode			84	50	84	*1
ŀ	RFID			166	50	166	*1
— <u>⊢</u>							*1
ŀ	System r	mon	tor	692	450	746	
ŀ	Report			235	150	235	None
ı	Printer (F			1104	552	1104	None
ı	Printer (s			200	80	200	None
			g (device name conversion library)	800	400	800	None
		Stro	ke font support function	400	300	400	None
4		Stro	ke basic font (Japanese)	2160	2160	2160	None
1	font	Stro	ke basic font (Japanese) (with Hangul)	3175	3175	3175	None
	IOIIL	Stro	ke basic font (Chinese: Simplified)	1474	1474	1474	None
		Strok	e basic font (Chinese: Simplified) (with Hangul)	2016	2016	2016	None
2	Video disp		Video/RGB	480	298	512	None
5	Multimed			1074	292	None	None
3			onal computer operation (Ethernet)	5130	860	None	None
Extend	Remote pers			480	292	512	None
	computer	- 1	Remote personal computer operation (serial)	84	50	84	None
	Backup/r			766	420	820	None
	Operator	r	Operator authentication	730	420	784	None
	authentication USB mouse/keyboard function		200	80	None	None	
1		Audio output			100	200	None
CNC inpu Devi		External I/O, operation panel			70	100	None
	CNC data CNC data input/output			100 383	210	437	None
		- 1	GOT platform library	200	77	100	None
	Device d	_	. ,	100	50	100	None
				770	340	None	None
ŀ			roubleshooting function	200	100	200	None
ŀ		oftGOT-GOT link function or viewer function					
4				3882	1434	None	None
ı			time notification	*2	*2	*2	None
	Multi-cha	anne		*2	*2	*2	None
1			Standard font (Chinese: Simplified)	1280	1280	1280	None
		L	Standard font (Chinese: Traditional)	1920	1920	1920	None
1	Chinese		Standard font (Japanese)	1280	1280	1280	None
	region		Stroke font (Japanese)	1037	1037	1037	None
			Stroke font (Chinese: Simplified)	1248	1248	1248	None
			Stroke font (Chinese: Traditional)	1680	1680	1680	None
ı	Operatio	n lo	1	1221	384	1218	None
2	Docume	nt di	splay	3072	150	2048	None
5			onversion	None	None	1223	None
í l			onversion (enhanced version)	2774	1242	2774	None
			nd graph*3	*2	*2	*2	None
puoliai idilotiois	Logging		io grapii.	710	380	740	None
1	00 0						None *1
1	Recipe	4 -		100	70	100	
ı	Advance			1187	310	1241	None
	Object so	cript		360	180	360	None
1	Ladder		MELSEC-A ladder monitor	674	342	523	None
1	monitor		MELSEC-FX ladder monitor	674	342	592	None
l			MELSEC-Q/L/QnA ladder monitor	4170	590	1082	None
	A list edit		MELSEC-A list editor	1024	542	1058	*1
ı	FX list ed	ditor	MELSEC-FX list editor	1024	542	1058	*1
	Intelligen	nt un	it monitor	770	390	384	None
ш				370	210	324	None

_									
			User area size to be used (KB)						
		Function	G	Γ16	GT15	GT11			
			RAM	ROM	GIIJ	GIII			
	Q motion mo	nitor	770	390	607	None			
	Servo amplifi	er monitor	770	390	524	None			
	CNC monitor	•	770	390	588	None			
	SFC monitor	GOT platform library	200	77	100 *5	None			
S		SFC monitor	2108	442	1373 *5	None			
9		GOT function extension library	19381	4729	4729 *5	None			
달	Motion SFC	GOT platform library	200	77	100 *11	None			
Optional functions	monitor*10	Motion SFC monitor	12522	1240	2477 *11	None			
one	Ladder	GOT platform library	200	77	100 *6	None			
ġ	editor	Ladder editor	8192	2567	5121 *6	None			
O	*8	GOT function extension library	19381	4729	4729 *6	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 *9	None			

- : Requires installation of the optional function OS and extended function OS, but does not use the user area.
- *2 : Installation of the optional function OS is not required.
- 3 It is necessary to specify the logging function and install the optional function OS (logging) in advance.
 44 Necessary when using the GOT project data that is automatically created by PX Developer (Ver. 1.15 or late). For details, see "PX Developer Version 1 Operating Manual (GOT Screen Generator)(SH-0807/2ENG)."
 45 : To use the SFC monitor, free space of 6202KB or more is necessary in the user area of the specified drive
- for installing the extension function OS and optional function OS. The total capacity of the memory necessary for using the SFC monitor is 14393/KB. Due to the above, the setting shown in Table 1 is necessary depending on the GOT to be used.

<table 1=""></table>							
GOT	Necessary setting						
GT157□-VN. GT1562-VN	· Set boot source of OS to "A: standard CF card."						
G115/VIN, G11562-VIN	· 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 Designer3 Version1 Screen Design Manual (Fundamentals) "							

- (Fundamentals).
 *6 : To use the ladder editor, free space of 9950KB or more is necessary in the user area of the specified drive for installing the extension function OS and optional function OS. The total capacity of the memory necessary for using the ladder editor is 21212KB. For the above reasons, when using the ladder editor, specify "A: Standard CF card" for the OS boot source, and mount an optional function board with a nory capacity of 16MB or more.
- *7 : To use the SFC monitor, it is necessary to install all of the GOT platform library, SFC monitor and GOT function extension library.

 *8 : To use the ladder editor, it is necessary to install all of the GOT platform library, ladder editor and GOT
- function extension library.
- *9 : The operation of the MES interface function uses 8218KB of the extended memory
- (GT15-MESB48M(4MB)) of GT15's operation memory.

 *10: To use the motion SFC monitor, it is necessary to install all of the GOT platform library and motion SFC
- *11 : To use the motion SEC monitor, free space of 2577KB or more is necessary in the user area of the specified To use the initiation SPC information, thee spaces of 257 /NB or mitner is necessary in the user area of the specimen drive for installing the extended function OS. The total capacity of the memory necessary for using the motion SFC monitor is 12622KB. For the above reasons, mount an optional function board with a memory capacity of 16MB or more.

[Table B] Capacity of GT16 communication driver

Table B1 Suparity of G110 Communication driver				
Units connected	Communication driver name	Capacity (KB)		
Mitsubishi PLC.	Bus connection Q	180		
motion controller.	A/QnA/QCPU, QJ71C24	180		
	MELSEC-FX	180		
robot controller, CNC	MELSECNET/H	200		
CNC	CC-Link IE controller network	200		
Third party PLC,	JTEKT Corporation TOYOPUC-PC	160		
motion controller	Ethernet (Yaskawa Electric Corporation)	160		
Microcomputer	Microcomputer connection	230		
Communication drivers other	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 *
- @Bus connection or network connection *1 + Ethernet connection *3 ③ Ethernet connection *3 + serial connection *2
- Bus connection or network connection *1 + Ethernet connection *3 + serial connection *2
- ⑤Serial connection ** 6 Ethernet connection *3
- * GT16 Handy can be connected only by methods (3) or (6).

When using GT15:

- 1)Bus connection, network connection *1, or Ethernet connection *2 + serial connection *2 ②Serial connection *2
- *1: The network connections include the following connection configurations
- *2: The serial connections include the following connection configurations.
- Microcomputer connection (serial) Connection with third party PLCs (serial)

 Temperature controller connection Inverter connection Servo amplifier corCNC connection (CPU direct connection) GOT multi-drop connection

 MODBUS®RTU connection Robot controller connection (serial)

- *3: The Ethernet connections include the following connection configurations.

 Ethernet connection MODBUS®/TCP connection Third party PLC connection (Ethernet)

 Robot controller connection (Ethernet) CNC connection (Ethernet)
- Microcomputer connection (Ethernet

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 Table C on the following page.

(2) Number of mountable units and mounting stages

When the multi-channel function is used, add interfaces on the GOT side using 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 Table C on the following page.
- *: The performance of GOT may be affected depending on the configuration of connected devices

Optional function board

Not necessary when using the GT16.
The GT15 requires an optional function board. Use the optional function board GT15-QFNB(☐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 the GT16, the communication driver is installed in the user area.

For the GT15, communication drivers for the second and subsequent channels will be

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 QBDQ •GT115 QBDA •GT1155-QTBD •GT115 DS-QBD: Version B or later •GT115 QBD: Version C or later

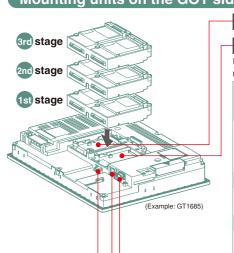
Notes for use

[Table C] Number of connectable channels, number of mountable units and number of mountable stages when the multi-channel function is used

_						
		GT1695/GT1685/ GT1595/GT1585/ GT167 /GT166 GT157 /GT156	GT155	Handy GT16	Description	_
	Number of connectable	le Up to 4 channels	Up to 2 channels 4	Up to 4 channels	For GT16: The number of communication ports (communication units and interfaces) for use for communication on the GOT. Only one channel per one GOT can be connected in the bus connection and network connection. Ethernet connection is available for up to four channels. When the Ethernet interface built into the GOT is used for functions other than communication with the connected device *4, the interface is not included in the number of connected channels. The number of channels does not include the interface used for connection with external devices *5	See "Calculation of current consumed by units <gt16 gt15="">" (page 70).</gt16>
(channels				For GT15: The number of communication ports (communication units and interfaces) for use for communication on the GOT. Only one channel per one GOT can be connected in bus connection and network connection. When the Ethernet communication unit is used for functions other than communication with the connected device *4, the unit is not included in the number of connected channels. The number of channels does not include the interface used for connection with external devices *5	See "Calculation of current consumed by units <gt16 gt15="">" (page 70).</gt16>
	Number of mountable units		Up to 3 units	No units can be mounted	The number of units that can be mounted on extension unit interfaces 1 and 2 of the GOT. • More than one serial communication unit • of the same model can be mounted. • Optional units are included in the number of units. • RS-422 conversion units are not included in the number of units. • It is necessary to calculate the total current consumed by the units to be mounted.	See "Calculation of current consumed by units < GT16/GT15>" (page 70).
(Number of mounting stages	Up to 3 stages (2 slots)	Up to 3 stages (1 slot)	No units can be mounted	The number of mounting stages that units can be stacked on extension unit interfaces 1 and 2 of GOT. • Units that occupy two slots ****** must be mounted on the first stage. • When any units in **8 are used, mount the unit on the first stage, then mount other units on the second or subsequent stages. • Units in **9 cannot be stacked on other units. Mount units on the first stage.	See "External dimensions" (page 50) and "Mounting units on the GOT side interface <gt16 gt15="">" (page 70).</gt16>
	4 : Ethornot	download function, gateway function and I	AES interface	function	♦6 : GT15.RS2.9P :GT15.RS4.9S and GT15.RS4.TF	

- Ethernet download function, gateway function and MES interface function *5: Barcode reader, RFID controller, personal computer (remote personal computer function, FA transparent function, OS installation, and project data download), and printer (serial)
- *7: GT15-QBUS2, GT15-ABUS2, GT15-J71LP23-25, GT15-J71BR13, GT15-J61BT13, GT15-J71GP23-SX
 *8: GT16M-V4, GT15V-75V4, GT16M-R2, GT15V-75R1, GT16M-V4R1, GT15V-75V4R1, GT16M-ROUT, GT15V-75ROUT, GT16M-MMR
- *9: GT15-75QBUSL, GT15-75QBUSL, GT15-75ABUSL, GT15-75ABUSL, GT15-75J71LP23-Z, GT15-75J71BR13-Z, GT15-75J61BT13-Z

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



(On GT16 Handy, no units can be mounted because it does not have Extension unit interface 1 extension unit interface 1 or 2.)

Extension unit interface 2 (GT155 has the extension unit interface 1 only)

Up to 3 communication units and optional units can be mounted on each extension

Mount a unit that occupies two slots on the first stage.

However, when any of the following units are used, mount the unit on the first stage, then mount other units on the second and subsequent stages.

For GT16 (Only one of these units can be mounted on the GT16 except GT16 -- VNB .)

●GT16M-V4, GT16M-R2, GT16-V4R1, GT16-ROUT, GT16M-MMR For GT15 (Only one of these units can be mounted on the GT1585V and GT1575V)

The following units must not be stacked on other units. Mount any of them on the first stage.

- ●GT15-75QBUSL, GT15-75QBUS2L, GT15-75ABUSL, GT15-75ABUS2L
- ●GT15-75J71LP23-Z, GT15-75J71BR13-Z, GT15-75J61BT13-Z (GT16 or GT155 cannot be used.)

Instructions for mounting and removing the GT15-CFCD

GT15V-75V4. GT15V-75R1. GT15V-75V4R1. GT15V-75ROUT

- •An extension unit cannot be mounted on a CF card unit. When extension units are mounted, mount the CF card unit on the last stage.
- When mounting a CF card unit on extension interface 1 (left), ensure that the number of extension units mounted on extension interface 2 (right) is smaller than the number on the extension interface 1 (left). Otherwise, the CF card cannot be inserted or removed.
- ■Remove the CF card unit in the designated direction (△PULL) to prevent damage to the connector.

Standard interface (built-in RS-232 interface)

The interface can establish a serial connection with connected devices and peripheral devices, such as a barcode reader

Standard interface (built-in Ethernet interface) (GT16 only)

The interface can establish a connection with connected devices via Ethernet

Standard interface (built-in RS-422/485 interface) (GT16 only)

The interface can establish a serial connection with connected devices.

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

(1) Current that can be supplied by the		
	GOT model	Current supply capacity (A)
	GT1695	2.4
	GT1685	2.4
	GT167	2.4
	GT166	2.4
	GT1595	2.13
	GT1585 (incl. GT1585V)	1.74
	GT157 (incl. GT1575V)	2.2
	GT156	2.2
	GT155	1.3

2) Carrett asca by arms, baroode reader and it ib controller				
Unit model	Consumed current (A)	Unit model	Consumed current (A)	
GT15-QBUS		Barcode reader	*2	
GT15-QBUS2	0.275*1	GT15-PRN	0.09	
GT15-75QBUSL	0.275	GT16M-V4	0.12 *1	
GT15-75QBUS2L		GT15V-75V4	0.2 *1	
GT15-ABUS		GT16M-R2	0 *1	
GT15-ABUS2	0.12	GT15V-75R1	0.2 *1	
GT15-75ABUSL	0.12	GT16M-V4R1	0.12 *1	
GT15-75ABUS2L		GT15V-75V4R1	0.2 *1	
GT15-RS2-9P	0.29	GT16M-ROUT	0.11 *1	
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	

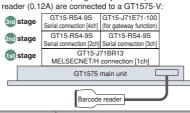
- *1 : This value is used for calculating the current consumption of multi-channel functions. For the specifications of each unit, see the manual supplied with each unit.
- *2: When using a barcode reader or a RFID controller to which the power is supplied from the standard interface, add the current to be used by the barcode reader or RFID controller at 5VDC. (Maximum less than 0.3A)

(3) Calculation example

When GT15-J71BR13, GT15-RS4-9S (3 units), GT15-J71E71-100 (for gateway function) and barcode reader (0.12A) are connected to a GT1575-V:

Ex.: GT15-QBUS2

2 slots (1st stage) are occupied



0.77+0.33+0.33+0.33+0.224+0.12=2.104

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

MELSOFT GT Works3 (English version) operating environment

Item	Details			
PC	PC/AT compatible machine on which the following OS operates			
OS	Microsoff® Windows® 2000 Professional Service Pack 4 or later (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*1 Microsoff® Windows Vista® Enterprise (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows Vista® Business (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows Vista® Home Premium (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows Vista® Home Premium (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® XP Home Edition Service Pack 2 or later (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Fenterprise (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Fenterprise (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simplified Chinese, Traditional Chinese, Korean, German versions)*2*3*4 Microsoff® Windows® 7 Foressional (English, Simpl			
CPU	1 GHz or more recommended			
Required memory		ore recommended		
Display	Resolution XGA (1024 x 768 dots) or more			
Available hard disk space	To install GT Designer3: 1.6 GB or more recommended To run GT Designer3: 512 MB or more recommended			
	High Color (16 bits) or more			
Display colors	High Color (16 bits) or more Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6.			
Display colors	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated	GX Simulator	GX Works2	
Display colors	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series)		GX Works2	
Display colors	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated	GX Simulator	GX Works2 - Version 1.24A or later	
Display colors	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX1S series, FX2 series, FX2C series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs)	GX Simulator Version 5.00A or later Version 5.40E or later	_	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX1S series, FX2 series, FX2C series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU	GX Simulator Version 5.00A or later Version 5.40E or later Version 6.00A or later	_	
Display colors Software	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX2 series, FX2C series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q06PHCPU	GX Simulator Version 5.00A or later Version 5.40E or later Version 6.00A or later Version 7.20W or later	Version 1.24A or later	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX2 series, FX2 series, FX2C series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q05PHCPU Q12PHCPU, Q25PHCPU	Version 5.40E or later Version 6.00A or later Version 6.00A or later Version 7.20W or later Version 6.10L or later	Version 1.24A or later	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX2 series, FX2C series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q05PHCPU Q12PRHCPU, Q25PHCPU Q12PRHCPU, Q25PRHCPU	GX Simulator Version 5.00A or later Version 5.40E or later Version 6.00A or later Version 7.20W or later	Version 1.24A or later	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX1S series, FX2 series, FX2C series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q05PHCPU Q12PHCPU, Q25PHCPU Q12PRHCPU, Q25PRHCPU FX3uc Series	Version 5.40E or later Version 6.00A or later Version 6.00A or later Version 7.20W or later Version 6.10L or later	Version 1.24A or later	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX1S series, FX2 series, FX2C series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q05PHCPU Q12PHCPU, Q25PHCPU FX3uc Series FX3u Series*7	Version 5.40E or later Version 6.00A or later Version 6.00A or later Version 7.20W or later Version 6.10L or later Version 6.20W or later Version 7.08J or later	Version 1.24A or later Version 1.12N or later	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX1S series, FX2 series, FX2C series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q05PHCPU Q12PHCPU, Q25PHCPU Q12PRHCPU, Q25PRHCPU FX3uc Series	Version 5.40E or later Version 6.00A or later Version 6.00A or later Version 7.20W or later Version 6.10L or later Version 6.20W or later	Version 1.24A or later Version 1.12N or later	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX1S series, FX2 series, FX2C series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q05PHCPU Q12PHCPU, Q25PHCPU FX3uc Series FX3u Series*7	Version 5.40E or later Version 6.00A or later Version 6.00A or later Version 7.20W or later Version 6.10L or later Version 6.20W or later Version 7.08J or later	Version 1.24A or later Version 1.12N or later	
	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later*6 or GX Simulator version 5.00A or later*6. *The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU PLC CPU to be simulated QCPU (A mode), ACPU, motion controller CPU (A series) QnACPU FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX2 series, FX2 series, FX2N series, FX2NC series QCPU (Q mode) (excluding Q00J, Q00, and Q01 CPUs) Q00JCPU, Q00CPU, Q01CPU Q02PHCPU, Q05PHCPU Q12PHCPU, Q05PHCPU Q12PHCPU, Q25PHCPU FX3uc Series FX3u Series*7 Q00UJCPU, Q00UCPU, Q01UCPU, Q02UCPU, Q04UDHCPU, Q06UDHCPU, Q01UDHCPU, Q05UDHCPU, Q05UDHCPU, Q05UDHCPU, Q05UDHCPU, Q05UDHCPU, Q04UDHCPU, Q06UDHCPU, Q05UDHCPU, Q05	Version 5.40E or later Version 6.00A or later Version 6.00A or later Version 7.20W or later Version 6.10L or later Version 6.20W or later Version 7.22Y or later	Version 1.24A or later Version 1.12N or later Version 1.24A or later	

- : Installation requires administrator authority. Simulating the GOT-A900 requires administrator authority : Installation requires administrator authority. Using GT Works3 requires an account higher than the
- standard user.

 To use GT Works3 with another application, if an administrator account is used to run the application then use an administrator account to run GT Works3.
- Simulating the GOT-A900 requires administrator authority. The following functions are not supported:
 Compatible Mode, Fast User Switching, Desktop Theme (Font) Change, Remote Desktop

Applicable GOT

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

GOT1000 Series*9

- . Windows XP Mode is not supported.
 : Use GT Simulator3, GX Developer, GX Simulator, and GX Works2 for the same language.
 : The GOT-A900 cannot be simulated.
- *8 : May be required when the simulation function is used. *9 : The GT10 cannot use the simulation function
- *10: Windows Touch features are not supported

GT SoftGOT1000 (English version) operating environment

Item	Description		
	With DOS/V personal computer	With PC CPU module	
Personal computer	PC/AT compatible machine on which the following OS operates	CONTEC PC CPU unit (PPC-852-212, PPC-852-217, PPC-852-226)*7	
os	Microsoft* Windows* 2000 Protessional Service Pack 4 or later (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#2## Microsoft* Windows* XP Professional Service Pack 2 or later (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#2## Microsoft* Windows* XP Professional Service Pack 2 or later (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#3### Microsoft* Windows* XP Embedded (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#3### Microsoft* Windows* Vista* Ultimate (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#3### Microsoft* Windows Vista* Business (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#3### Microsoft* Windows Vista* Home Permium (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#3### Microsoft* Windows Vista* Home Permium (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#3### Microsoft* Windows* Vista* Home Basic (English, Simplified Chinese, Traditional Chinese, Korean, German versions)#3#### Microsoft* Windows* 7 Tultimate (English, Simplified Chinese, Traditional Chinese, Korean, German versions)####### Microsoft* Windows* 7 Tultimate (English, Simplified Chinese, Traditional Chinese, Korean, German versions)####################################		
CPU	Recommended: 1GHz or more		
Required memory	Other than Microsoft® Windows Vista®, Microsoft® Windows® 7: 512MB or more Microsoft® Windows Vista®, Microsoft® Windows® 7: 1GB or more recommended		
Display	Resolution of VGA (640 × 480 dots) or more		
Free hard disk space*1	For installation: 1.6GB or more recommended For execution: 512MB or more recommended		
Display colors	High Color (16 bit) or more		
Hardware*6	GT15-SGTKEY-U (License key (for USB port)) GT15-SGTKEY-P (License key (for parallel port))	GT15-SGTKEY-U (License key (for USB port))	
Software	When using with PX Developer : PX	Designer3*5 Developer Version 1.14Q or later Designer3 Version 1.01B or later	
Other	Mouse, keyboard, printer, CD-ROM drive, so	und function (sound speaker), or speaker	

Specification

Item	Description
Resolution (dots)	640 × 480, 800 × 600, 1024 × 768, 1280 × 1024, 1600 × 1200 Specifiable resolution (640 to 1920 × 480 to 1200)
Display colors	65,536 colors
Memory capacity	57MB
Connection configuration*10	Bus connection*11, CPU direct connection, computer link connection, CC-Link IE controller network connection, MELSECNET connection, Ethernet connection

- *1 : Use of GT Designer3 and PX Developer requires additional memory space. For free space required when using the PX Developer monitoring tool, refer to the PX Developer Version1 Operation Manual (Monitor Tool). Additional memory space is also required when using user-created applications.
- : Administrator authority is required to install GT SoftGOT1000.

- *2 : Administrator authority is required to install GT SoftGOT1000.
 *3 : Administrator authority is required to install and operate GT SoftGOT1000.
 *4 : The following functions are not supported.

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

 *5 : GT Designer3 and GT SoftGOT1000 must be installed from the same GT Works3.
 *5 : The PC must be equipped with a USB port to use the GT15-SGTKEY.
- : The PC must be equipped with a USB port to use the GT15-SGTKEY-U. The PC must be equipped with a parallel port (Centro/printer connector) to use the GT15-SGTKEY-P.
- *7 : For CONTEC PC CPU unit, refer to the manual for the PC CPU module.
 *8 : Use is possible only when PPC-852-226 is preinstalled.
 *9 : Supported only by a 32-bit OS.
- *10: The required devices vary depending on the connection configuration.
- *11: Connectable only when using a PC CPU unit. *12: Windows XP Mode is not supported. *13: Windows Touch features are not supported.

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 forty-two (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.
 - ②Failure caused by unapproved modifications, etc., to the product by the user.
 - ③When the Mitsubishi product is assembled into a user's device, Failure that could have been avoided if functions or structures, judged as necessary in the legal safety measures the user's device is subject to or as necessary by industry standards, had been provided.
 - ④ Failure that could have been avoided if consumable parts designated in the user's manual etc. had been correctly serviced or replaced.
 - ⑤Replacing 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.
 - Teallure caused by reasons unpredictable by scientific technology standards at time of shipment from Mitsubishi.
 - ®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

- Mitsubishi shall accept onerous product repairs for seven
 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.

MEMO

MEMO	MEMO
	Mitsubishi Electric Corporation Nagoya Works and Himeji Works are factories certified for ISO14001 (standards for environmental
	minagement systems) and ISC9001 (standards for quality assurance management systems).
	MELSOFT











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.

⚠ 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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