

TECHNICAL BULLETIN

[Issue No.] GOT-A-0033

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[Title] Production Discontinuation of GOT1000 Series Communication Units
(GT15-75J71LP23-Z, GT15-75J71BR13-Z, and GT15-75J61BT13-Z)

[Date of Issue] October 2010

[Relevant Models] GOT1000 Series

Thank you for your continued support of Mitsubishi Graphic Operation Terminal (GOT).
Production of some GOT1000 series communication units will be discontinued as shown below.

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1. Models to be discontinued and schedule

Table 1-1 shows the models to be discontinued and each schedule of the order acceptance, production discontinuation, and repair acceptance.

Table 1-1 Models to be discontinued and schedule

Product	Model	Order acceptance	Production discontinuation	Repair acceptance
MELSECNET/10 communication unit Optical loop	GT15-75J71LP23-Z	Through February 28, 2011	Through March 31, 2011	Through March 31, 2018
MELSECNET/10 communication unit Coaxial bus	GT15-75J71BR13-Z			
CC-Link communication unit Intelligent device station	GT15-75J61BT13-Z			

2. Reasons for discontinuing production

We have difficulty to obtain some electronic parts for the GOT, including microcomputers, memories, and ASICs. The reason is that stricter process rules have become standard in recent years. We also have to meet environmental conservation needs. We are about to run out of parts, and we will have difficulty to maintain the production system and product quality.

3. Alternative models

Table 3-1 shows the alternative models for the models to be discontinued.

Table 3-1 Alternative models

Discontinued model	Alternative model	Remarks
GT15-75J71LP23-Z *1 *2 (MELSECNET/10 communication unit, optical loop)	GT15-J71LP23-25 (MELSECNET/H communication unit, optical loop)	When connecting the MELSECNET/H communication unit to the existing MELSECNET/10 network system, set the unit to the MELSECNET/10 mode.
GT15-75J71BR13-Z *1 *2 (MELSECNET/10 communication unit, coaxial bus)	GT15-J71BR13 (MELSECNET/H communication unit, coaxial bus)	When replacing the MELSECNET/10 network system with the MELSECNET/H network system, refer to *3.
GT15-75J61BT13-Z *1 *2 (Communication unit for the CC-Link ver.1 network system)	GT15-J61BT13 (Communication unit for the CC-Link ver.2 network system)	When connecting the communication unit for the CC-Link ver.2 network system to the CC-Link ver.1 network system, set the unit to the CC-Link ver.1 mode.

*1 The communication units to be discontinued have setting switches, including rotary switches. Though the alternative communication units do not have rotary switches and others, setting switches is required with software. Therefore, set the switches with the drawing software or the utility. For details, refer to Section 3.1 and Section 3.2.

*2 The network cables in use are available for alternative models.

For replacing the GT15-75J61BT13-Z with the GT15-J61BT13, changing the terminal treatment is required. For details, refer to the MODEL GT15-J61BT13 CC-Link communication unit User's Manual (IB-0800351).

*3 For details of replacing the networks in the entire system with the MELSECNET/H network systems, refer to the Transition from MELSEC-A/QnA (Large Type) Series to Q Series Handbook (Network Modules) (L-08048ENG).

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3.1 Change in the setting method

The communication units to be discontinued listed below require settings with rotary switches and others on the hardware. However, the alternative communication units do not have rotary switches and others, and settings with the drawing software or the utility are required. For replacing the communication units, refer to the following table.

Table 3-2 Units that require new setting method and new setting method after change

Model to be discontinued			Alternative model	
Product	Model	Settings on hardware	Model	Setting method
MELSECNET/10 communication unit	GT15-75J71LP23-Z (Optical loop)	(1) Mode setting switch: On-line/Off-line/Test mode	GT15-J71LP23-25 (Optical loop)	Set with the drawing software (GT Designer3 and others) or the utility of the GOT.
	GT15-75J71BR13-Z (Coaxial bus)	(2) Station number setting switch: tens place, ones place (3) Group number setting switch: Group number setting (4) Network number setting switch: Network number setting	GT15-J71BR13 (Coaxial bus)	
CC-Link communication unit	GT15-75J61BT13-Z	(1) Mode setting switch: On-line/Off-line (2) Station number setting switch: tens place, ones place (3) Transmission baudrate setting switch: (4) Condition setting switch: Input data status of faulty data link station, number of occupied stations	GT15-J61BT13	

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3.2 Monitor screen data

The monitor screen data used for the models to be discontinued are applicable to alternative models by changing the driver settings as shown below.

Table 3-3 Settings to be changed for monitor data

Communication type	Settings	Driver name change	Detail settings
MELSECNET/10 communication	GT Designer3: Controller setting GT Designer2: Communication detail settings in the system setting	(Before change) MELSECNET/10 (After change) MELSECNET/H	Network type: MNET/10 mode
CC-Link ver.1 communication		(Before change) CC-Link (ID) (After change) CC-Link Ver.2 (ID)	Mode setting: Ver.1

For details of the driver, refer to the following manuals.

- GOT1000 Series Connection Manual (Mitsubishi Products) for GT Works3 (SH-080868ENG)
- GOT1000 Series Connection Manual 1/3 (SH-080532ENG)

For using alternative models, a communication driver must be installed on the GOT.

Table 3-4 Driver to be installed

Communication type	Settings	Driver to be installed
MELSECNET/10 communication	GT Designer3: GOT write setting GT Designer2: OS install setting	MELSECNET/H
CC-Link ver.1 communication		CC-Link Ver.2 (ID)

For the setting method in the utility, refer to Chapter 10 in the GT15 User's Manual (SH-080528ENG).

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3.3 Mounting intervals

When the models to be discontinued are replaced, the mounting interval (A dimension) and the depth dimension (X dimension) are changed as shown in Table 3-5 and 3-6, respectively. For details of the required mounting intervals, refer to the GT15 User's Manual (SH-080528ENG).

Before the communication units are replaced, the first stage of the extension interface is available only. However, after the units are replaced, the first stage to third stage of the extension interfaces is available for communication units and options. (*4) For the dimensions and restrictions, refer to the user's manual for the communication units and options.

*4 By mounting communication units on the GOT, the GOT can monitor up to four controllers (four channels).

(Multi-channel function) For details of the multi-channel function, refer to the following manuals.

- GOT1000 Series Connection Manual (SH-080532ENG)

- GOT1000 Series Connection Manual (Mitsubishi Products) for GT Works3 (SH-080868ENG)

When an extension unit is mounted on an alternative communication unit, the operating ambient temperature must be reduced 5 °C against the maximum values described in general specifications.

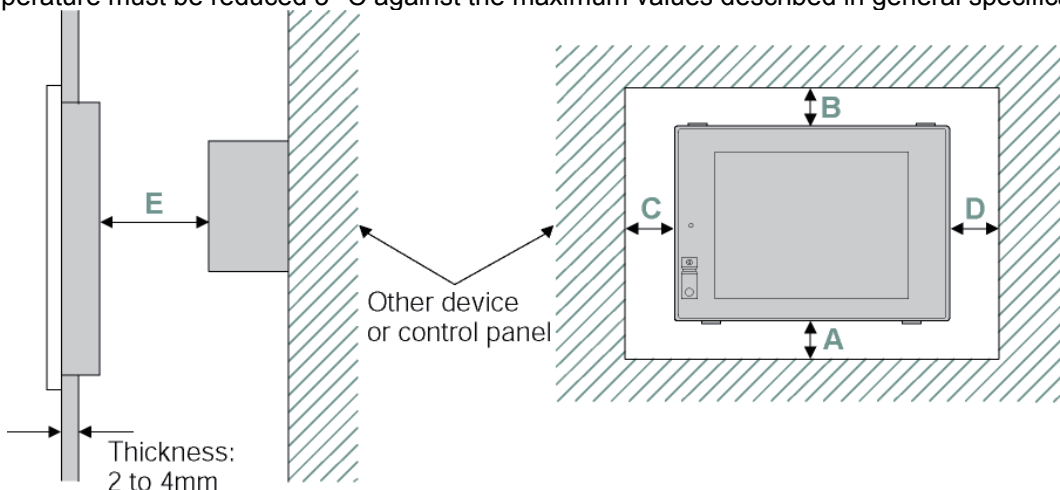


Figure 3.1 Mounting intervals

Table 3-5 Downward dimension (A dimension) when connecting a communication unit (Unit: mm) *5

GOT model		Discontinued communication unit model			Alternative communication unit model		
		GT15-75J71LP23-Z	GT15-75J71BR13-Z	GT15-75J61BT13-Z	GT15-J71LP23-25	GT15-J71BR13	GT15-J61BT13
GT15	GT1595	50 or more (20 or more)	50 or more (20 or more)	50 or more (20 or more)	50 or more (20 or more)	50 or more (20 or more)	50 or more (20 or more)
	GT1585	50 or more (20 or more)	50 or more (20 or more)	50 or more (26 or more)	50 or more (20 or more)	50 or more (20 or more)	50 or more (23 or more)
	GT157□	50 or more (20 or more)	50 or more (20 or more)	50 or more (43 or more)	50 or more (30 or more)	50 or more (20 or more)	50 or more (37 or more)
	GT156□	50 or more (20 or more)	50 or more (20 or more)	50 or more (48 or more)	50 or more (35 or more)	50 or more (20 or more)	50 or more (42 or more)

* 5 The values enclosed in square brackets apply to the case where no other equipment generating radiated noise (such as a contactor) or heat is installed. However, keep the ambient temperature of the GOT to 55°C or lower even in such a case.

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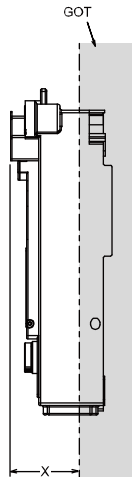


Figure 3.2 Depth dimension of a communication unit

Table 3-6 Depth dimension (X dimension) when connecting a communication unit (Unit: mm)

GOT model		Discontinued communication unit model			Alternative communication unit model		
		GT15-75J71LP23-Z	GT15-75J71BR13-Z	GT15-75J61BT13-Z	GT15J71LP23-25	GT15-J71BR13	GT15-J61BT13
GT15	GT1595	47.5	47.5	52.5	21	21	21
	GT1585	47.5	47.5	52.5	18	18	18
	GT157□	47.5	47.5	52.5	21	21	21
	GT156□	49.5	49.5	54.5	23	23	23

The X dimensions of the alternative models are smaller than those of the models to be discontinued.

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