

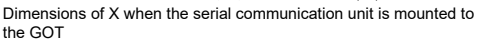
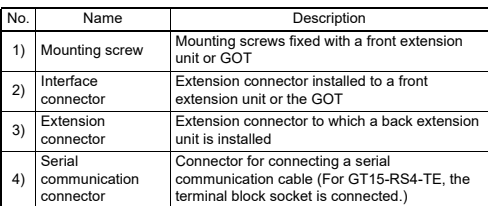


	<div style="text-align: center;">  <b>CAUTION</b> </div>
<ul style="list-style-type: none"> <li>● Make sure to transport the GOT main unit and/or relevant unit(s) in the manner they will not be exposed to the impact exceeding the impact resistance described in the general specifications of the User's Manual for the GOT used, as they are precision devices.</li> </ul>	<p>Failure to do so may cause the unit to fail.</p> <p>Check if the unit operates correctly after transportation.</p>

 Note: This symbol mark is for China only.

部件名称	有害物质			
	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸丁二酯 (BBP)	邻苯二甲酸二异丁酯 (DIBP)
电路板组件	○	○	○	○
树脂壳体、电缆、膜材	○	○	○	○
钣金部件、螺丝等金属部件	○	○	○	○

### 3. PART NAMES AND EXTERNAL DIMENSIONS

Unit: mm (inch)

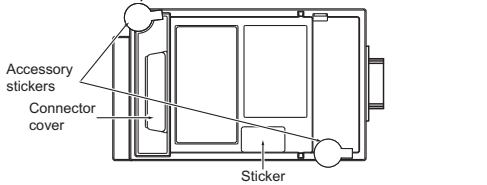
No.	Name	Description
5)	Terminal block socket	Socket for connecting a serial communication cable to the serial communication connector
6)	DIP switch (For GT15-RS4-9S/TE only)	Switch to set terminating resistor (When using the built-in terminating resistor (100Ω), turn both No. 1 and No. 2 switches on. When using the external terminating resistor, turn both No. 1 and No. 2 switches off.
7)	Rating plate	-

To install a serial communication unit on the GOT3000 series, an extension interface converter unit is required.  
For details, refer to the GOT3000 Series Extension Interface Converter Unit User's Manual.


The installation procedure for the serial communication unit is explained using the GT1575.

#### 4.1 Serial communication unit installation

The following figures show an example of the GT15-RS2-9P/RS4-9S installation. The installation of the GT15-RS4-TE follows the same procedure.

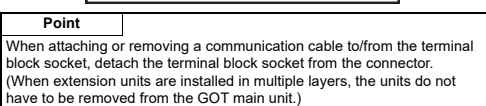


<b>Point</b>	
If you remove the serial communication unit, detach it from specified direction (shown PULL) so as not to break a connector.	

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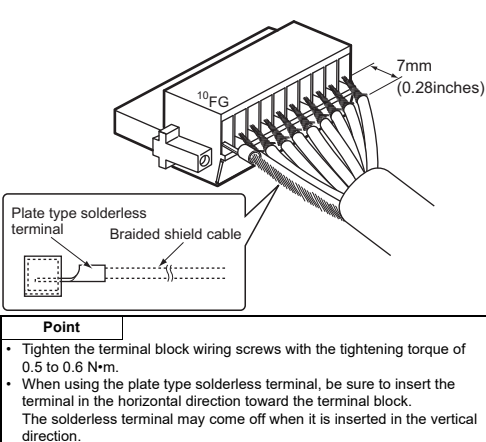
部件名称	有害物质			
	邻苯二甲酸二(2-乙基)己酯 (DEHP)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸丁二酯 (BBP)	邻苯二甲酸二异丁酯 (DIBP)
电路板组件	○	○	○	○
树脂壳体、电缆、膜材	○	○	○	○
钣金部件、螺丝等金属部件	○	○	○	○

**CAUTION**  
Always secure the cables connected to the unit, e.g. run them in conduits or clamp them. Not doing so can cause unit or cable damage due to dangling, moved or accidentally pulled cables or can cause a malfunction due to a cable contact fault.



When connecting the braided shield cable inside the RS-422/485 cable, use the plate type solderless terminal included with the product.

Before connecting each cable inside the RS-422/485 cable to the terminal block, remove the cable sheath by 7mm(0.28 inches).



### Referenced Standard

GB/T 15969.2 (Requirement of Chinese standardized law)

**Packing List**

\* For handling of the ferrite core, refer to "For users intending to connect the GOT directly to a PLC using the RS-422 cable (GT01-C□R4-25P)" provided with the product.

## 1. OVERVIEW

This user's manual describes the GOT3000/GOT2000/GOT1000 series serial communication unit (hereinafter referred to as the serial communication unit).  
The serial communication unit is used when performing the serial communication between GOT and a FA device.  
For attachable GOTs, refer to the User's Manual for the GOT used.

## 2. SPECIFICATIONS

## 2.1 Performance Specifications

The performance specifications of the serial communication unit are indicated below.

The general specifications of the serial communication unit are the same as those of the GOT.

Refer to the User's Manual for the GOT used for the general specifications of the GOT.

Item	Specification		
	GT15-RS2-9P	GT15-RS4-9S	GT15-RS4-TE
Transmission method	RS-232 compliant	RS-422/485 compliant	RS-422/485 compliant
Interface	D-sub 9-pin (Male)	D-sub 9-pin (Female)	Terminal block
Connector	DDK make (17LE-23090-27(D3CC))	DDK make (17LE-13090-27(D3ACC))	-
Transmission speed	115200/57600/38400/19200/9600/4800bps		
Synchronous type	Non-Synchronous type (Asynchronous type)		
Error detection method	Parity check, sum check		
Maximum transmission distance	15m	1200m*	1200*
Internal current consumption (5VDC)	0.29A	0.33A	0.3A
Weight	0.09kg (0.20lb)		

• The maximum transmission distance differs depending on the controller connected.  
For details, refer to the GOT3000, GOT2000, or GOT1000 series connection manual for GT Works3 that covers the controller used.

Select a serial communication unit according to the connection type.  
When using the serial communication, make the communication settings to perform communication between the GOT and PLC.  
Since the GT15-RS4-TE cannot control the signals (RS/CS), the unit cannot be connected to the PLC.

For details on the connection type, refer to the GOT3000, GOT2000, or GOT1000 series connection manual for GT Works3 that covers the controller used.

When using serial communication unit, use a standard monitor OS and communication driver of GT Designer2 Version2.15R or later.  
With a standard monitor OS and communication driver of an older version, the GOT has cannot recognize the unit to perform monitoring.

## Warranty

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

**⚠ For safe use**

- This product has been manufactured as a general-purpose part for general industries, and has not been designed or manufactured to be incorporated in a device or system used in purposes related to human life.
- Before using the product for special purposes such as nuclear power, electric power, aerospace, medicine, or passenger movement vehicles, consult with Mitsubishi Electric.
- This product has 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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