




Specifications

For inquiries relating to the latest status of GOTs conforming to various standards and laws (CE, ATEX, UL/cUL, Class 1 Division 2, EAC, KC, KCs, and maritime certifications [ABS/BV/DNV GL/LR/NK/RINA]), please contact your local sales office.

Specification list

Category	GT27 model			GT25 model	
	Standard model			Standard model	
	GT2708-VTBA	GT2708-VTBD	GT2705-VTBD	GT2512-STBA	GT2512-STBD
					
Panel color	Black			Black	
Display device	TFT color LCD 65536 colors			TFT color LCD 65536 colors	
Screen size	8.4"			12.1"	
Resolution	VGA: 640 × 480 dots			SVGA: 800 × 600 dots	
Display size (W × H)	170.9 × 128.2 mm (6.73 × 5.05 inch)			246 × 184.5 mm (9.69 × 7.26 inch)	
Backlight	White LED (not replaceable)			White LED (not replaceable)	
Backlight life *1	Approx. 60000 h			Approx. 60000 h	
Touch panel simultaneous press (2 points)	●			—	
Human sensor	—			—	
User memory	Memory for storage (ROM): 57 MB Memory for operation (RAM): 128 MB			Memory for storage (ROM): 32 MB Memory for operation (RAM): 80 MB	
RS-232 interface	●			●	
RS-422/485 interface	●			●	
Ethernet interface	●			●	
USB (host: USB-A)	● 2 channels (front face, rear face)			● 2 channels (front face, rear face)	
USB (device: USB Mini-B)	● 1 channel (front face)			● 1 channel (front face)	
SD memory card interface	●			●	
Extension interface, Side interface, Wireless LAN communication unit interface *2	Communication units (serial, bus, CC-Link IE, MELSECNET, PROFIBUS, DeviceNet, wireless LAN), option units can be installed.				
Protective structure *3	Front: IP67F *7,9 Inside control panel: IP2X			Front: IP67F *7,9 Inside control panel: IP2X	
Safety standards, Radio laws	CE, UL, cUL, EAC, KC			CE, UL, cUL, EAC, KC	
Maritime certifications	ABS/BV/DNV GL/LR/NK/RINA			ABS/BV/DNV GL/LR/NK/RINA	
External dimensions (W × H × D)	241 × 194 × 52 mm (9.49 × 7.64 × 2.05 inch)			316 × 246 × 52 mm (12.44 × 9.69 × 2.05 inch)	
Panel cut dimensions (W × H)	227 × 176 mm (8.94 × 6.93 inch)			302 × 228 mm (11.89 × 8.98 inch)	
Weight (excluding a fitting)	1.5 kg (3.3 lb)			2.4 kg (5.3 lb)	
Operating ambient temperature *10	0 °C to 55 °C *11			0 °C to 55 °C *12	
Storage ambient temperature	-20 °C to 60 °C			-20 °C to 60 °C	
Operating ambient humidity	10% RH to 90% RH, non-condensing			10% RH to 90% RH, non-condensing	
Storage ambient humidity	10% RH to 90% RH, non-condensing			10% RH to 90% RH, non-condensing	
Power supply voltage	100 V AC to 240 V AC (+10%, -15%)	24 V DC (+25%, -20%)	24 V DC (+25%, -20%)	100 V AC to 240 V AC (+10%, -15%)	24 V DC (+25%, -20%)
Power supply frequency	50 Hz/60 Hz (±5%)	—	—	50 Hz/60 Hz (±5%)	—
Controller connection *8	Mitsubishi Electric Corporation	●			●
	Allen-Bradley (Rockwell Automation, Inc.)	●			●
	KEYENCE CORPORATION	●			●
	OMRON Corporation	●			●
	Siemens AG	●			●

*1 Time for display intensity reaches 50% at ambient temperature of 25 °C.

*2 For the details of connectable units, please refer to the relevant product manual.

*3 Note that the structure does not guarantee protection in all users' environments. The GOT may not be used in certain environments where it is subjected to splashing oil or chemicals for a long period of time or soaked in oil mist.

*4 The SD memory card unit (GT21-03SDCD), sold separately, needs to be mounted.

*5 The dimension when the SD memory card unit (GT21-03SDCD) is mounted is 113(W) × 74(H) × 32(D) mm (4.45(W) × 2.91(H) × 1.26(D) inch).

*6 For the list of other manufacturers, please refer to page 27. For the details of connectable models and system configurations, please refer to the relevant product manual.

*7 To conform to IP67F, close the USB environmental protection cover by pushing the [PUSH] mark or the [PULL] mark firmly. (The GOT conforms to IP2X when the USB environmental protection cover is open.)

*8 To conform to IP67F attach the environmental protection sheet.