Specifications

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

Specification list

| Category | | | | | | | | |
|---|--------------|---|---|-----------|------------------------------------|------------------------------------|---------------------|--|
| Category GT2706-VTBA GT2706-VTBD GT2705-VTBD GT2512-STBA GT2512-STBA Reading Control Image: Contro Image: Co | | | | GT27 | GT25 model | | | |
| Category Final Color Back | Category | | | Standar | d model | Standard model | | |
| Image: state of the second s | | | GT2708-VTBA GT2708-VTBD | | GT2705-VTBD | GT2512-STBA | GT2512-STBD | |
| Display device If F color LO2 65588 colors If F color LO2 65588 colors If F color LO2 65588 colors Breadution VAb. 640 × 480 dots VAb. 640 × 480 dots SVCA: 800 × 600 dots Breadution VAb. 640 × 480 dots VAb. 640 × 480 dots SVCA: 800 × 600 dots Breadution VAb. 640 × 480 dots VAb. 640 × 480 dots SVCA: 800 × 600 dots Breadution (64 × 420 dots) VAb. 640 × 480 dots SVCA: 800 × 600 dots Backlight White LED (not replaceable) White LED (not replaceable) White LED (not replaceable) Backlight file "1 Approx. 6000 h Approx. 6000 h Approx. 6000 h Touch parel simultaneous press (2 points) - - - RS-322/145 interface - - - RS-422/145 interface - < | | | | | | | | |
| Image: Screen size 65538 colors 66538 colors 65538 colors Screen size 8.4" 5.7" 12.1" Resolution VGA. 640 × 480 dots VGA. 640 × 480 dots SCREEN size Displey size (W × H) (70.9 × 182 mm) (15.2 × 86.4 mm) 2.64 × 184.5 mm Backlight White LED (not replaceable) White LED (not replaceable) White LED (not replaceable) Backlight III 1" Approx. 80000 h Approx. 80000 h Approx. 80000 h Human sensor — — — User memory Memory for storage (ROM): 57 MB Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for operation (RM): 80 MM Memory for storage (ROM): 57 MB Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for operation (RM): 80 MM Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for storage (ROM): 28 MM Memory for operation (RM): 80 MM Memory for storage (ROM): 28 MM Memory for operation (RM): 80 MM Memory for operation (RM) | | Panel color | Black | | Black | Black | | |
| Resolution VGA: 640 × 480 dots VGA: 640 × 480 dots SVGA: 500 × 600 dots Display size (W × H) 170.9 × 28.2 mm (8.73 × 505 inth) 115.2 × 86.4 mm (8.45 × 3.40 inch) 24.6 × 184.5 mm (8.96 × 7.26 inch) Backlight White LED (not replaceable) White LED (not replaceable) White LED (not replaceable) Backlight White LED (not replaceable) White LED (not replaceable) White LED (not replaceable) Touch parel smuttaneous press (2 points) - - - Human sensor - - - User memory Memory for source (ROM): 57 MB Memory for operation (RAM): 80 MB Memory for operation (RAM): 80 MB RS-222 interface - - - - Eternet interface - 0 - - USB (nost: USB-A) 2 channels (front face, rear face) 2 channels (front face) 1 channel (front face) 1 channel (front face) Stomeony card interface - - - - Glowics: USB Mni-B) 1 channel (front face) 1 channel (front face) 1 channel (front face) 1 channel (front face) Stomeony card interface | | Display device | | | | | | |
| Display size (W × H) 170.9 × 128.2 mm (8.73 × 505 inch) 115.2 × 86.4 mm (8.64 × 340 inch) 246 × 184.5 mm (8.69 × 728 inch) Backlight White LED (not replaceable) White LED (not replaceable) White LED (not replaceable) Touch panel simultaneous press (2 points) - - - Human sensor - - - - User memory Memory for storage (ROM); 128 MB Memory for storage (ROM); 32 MB Memory for storage (ROM); 32 MB Memory for storage (ROM); 32 MB R5-322/145 interface - - - - R5-422/45 interface - - - - USB (host: USB-A) 2 channels (front face, rear face) 2 channels (front face) 2 channels (front face) - SD memory card interface - - - - - USB (host: USB-A) 2 channels (front face) 1 channel (front face) 1 channel (front face) 1 channel (front face) SD memory card interface - - - - - SD (elvice: USB Mini-B) 1 channel (front face) 1 channel (front face) 1 chann | | Screen size | 8.4" | | 5.7" | 12.1" | | |
| Image: start (if x + n) (6.73 x 5.05 inch) (4.54 x 3.40 inch) (6.89 x 7.28 inch) Backlight White LED (not replaceable) White LED (not replaceable) White LED (not replaceable) Backlight Ife "1 Approx. 60000 h Approx. 60000 h Approx. 60000 h Approx. 60000 h Backlight Ife "1 Approx. 60000 h Approx. 60000 h Approx. 60000 h Approx. 60000 h Backlight Ife "1 Approx. 60000 h Approx. 60000 h Approx. 60000 h Approx. 60000 h Backlight Ife "1 Approx. 60000 h Approx. 60000 h Approx. 60000 h Approx. 60000 h Backlight Ife "1 Memory for operation (RAM): 128 MB Memory for operation (RAM): 80 MB Memory for operation (RAM): 80 MB R5.422/488 Interface • • • • • USB (host: USB A) 2 channels (front face) 1 channel (front face) 1 channel (front face) 1 channel (front face) Startist (Start Start Interface. • • • • • USB (host: USB A) 2 channels (front face) 1 channel (front face) 1 channel (front face) 1 channel (front face) <th< td=""><td rowspan="8"></td><td>Resolution</td><td colspan="2">VGA: 640 × 480 dots</td><td>VGA: 640 × 480 dots</td><td colspan="2">SVGA: 800 × 600 dots</td></th<> | | Resolution | VGA: 640 × 480 dots | | VGA: 640 × 480 dots | SVGA: 800 × 600 dots | | |
| Backlight life '1 Approx. 60000 h Approx. 60000 h Approx. 60000 h Touch panel simultaneous press (2 points) | | Display size (W × H) | | | | | | |
| Touch panel simultaneous press (2 points) — = USB (front fa | | Backlight | White LED (not replaceable) | | White LED (not replaceable) | White LED (not replaceable) | | |
| Human sensor — — — — — User memory Memory for storage (ROM): 52 MB Memory for operation (RAM): 32 MB Memory for operation (RAM): 30 MB Memory for storage (ROM): 52 MB Memory for operation (RAM): 80 MB Memory for storage (ROM): 52 MB Memory for operation (RAM): 80 MB R5-422/485 interface — … | | Backlight life *1 | Approx. 60000 h | | Approx. 60000 h | Approx. 60000 h | | |
| 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-232 interface • • • • RS-222 2485 interface • • • • USB (host: USB-A) 2 channels (front face, rear face) USB (device: USB Mini-B) 1 channel (front face) 1 channel (front face) 1 channel (front face) 1 channel (front face) SD memory card interface • • • • • Virvelses LAN communication units (serial, bus, CC-Link IE, MELSECNET, PROFIBUS, DeviceNet, wirvelses LAN), option units can be installed. • • Inside control panel: IP2X Front: IP67F *79 Inside control panel: IP2X Inside control panel: IP2X Maritime certifications ABS/BV/DNV GL/LR/NK/RINA ABS/BV/DNV GL/LR/NK/RINA ABS/BV/DNV GL/LR/NK/RINA ABS/BV/DNV GL/LR/NK/RINA <t< td=""><td>Touch panel simultaneous press (2 points)</td><td colspan="2">•</td><td>•</td><td colspan="2">_</td></t<> | | Touch panel simultaneous press (2 points) | • | | • | _ | | |
| User memory Memory for operation (RAM): 128 MB Memory for operation (RAM): 80 MB Memory for operation (RAM): 80 MB R5-232 interface • • • • • • • • • • • • • • • • • • • | | Human sensor | _ | | _ | | | |
| RS-422/485 interface Image: market interface Image: market interface USB (host: USB-A) 2 channels (front face, rear face) USB (device: USB Mini-B) 1 channel (front face) 1 channel (front face) 1 channel (front face) 1 channel (front face) So memory card interface Image: market interface Image: market interface Image: market interface Extension interface, Side interface, "market interface Image: market interface Image: market interface Image: market interface Protective structure '3 Inside control panel: IP2X Inside control panel: IP2X Inside control panel: IP2X Safety standards, Radio laws CE, UL, clu, EAC, KC CE, UL, clu, EAC, KC CE, UL, clu, EAC, KC Extensions (W × H × D) (241 × 194 × 52 mm (8.57 × 7.547 × 2.36 inch) 133 × 246 × 52 mm (12.44 × 9.69 × 2.05 inch) Panel cut dimensions (W × H × D) (227 × 176 mm (8.94 × 6.33 inch) 16.32 × 121 mm (8.94 × 6.33 inch) 10.5 kg (3.3 lb) Operating ambient temperature -20 < to 60 °C | | User memory | | | | | | |
| Ethernet interface • • USB (host: USB-A) 2 channels (front face, rear face) 1 channel (front face) 1 chan | | RS-232 interface | • | | • | • | | |
| USB (host: USB-A) 2 channels (front face, rear face) USB (device: USB Mini-B) 1 channel (front face) 1 channel (front face) 1 channel (front face) 1 channel (front face) SD memory card interface VER device: USB Mini-B) 1 channel (front face) 1 channel (front face) 1 channel (front face) SD memory card interface Virteless LNN communication unit Communication units (serial, bus, CC-Link IE, MELSECNET, PROFIBUS, DeviceNet, wireless LAN), option units can be installed. Virteless LNN communication unit Front: IP67F '7'9 Front: IP67F '7'9 Front: IP67F '7'9 Protective structure '3 CE, UL, cUL, EAC, KC CE, UL, cUL, EAC, KC CE, UL, cUL, EAC, KC Martime certifications ABS/BV/DNV GL/LR/NK/RINA ABS/BV/DNV GL/LR/NK/RINA ABS/BV/DNV GL/LR/NK/RINA Panel cut dimensions (W × H × D) 241 × 194 × 52 mm (8.49 × 7.64 × 2.05 inch) 163 × 121 mm (8.02 × 4.76 inch) 302 × 228 mm (11.29 × 8.98 inch) Veight (excluding a fitting) 1.5 kg (3.3 lb) 1.0 kg | | RS-422/485 interface | • | | • | • | | |
| Instruction Image: Charmens (notinitable, real labe) SB (device: USB Mini-B) 1 channel (front face) SB (device: USB Mini-B) Communication units (serial, bus, CC-Link IE, MELSECNET, PROFIBUS, DeviceNet, wireless LAN), option units can be installed. Communication units (serial, bus, CC-Link IE, MELSECNET, PROFIBUS, DeviceNet, wireless LAN), option units can be installed. Protective structure '3 Front: IP67F '7'9 Front: IP67F '7'9 Front: IP67F '7'9 Front: IP67F '7'9 Inside control panel: IP2X Inside control panel: IP2X | | Ethernet interface | • | | • | • | | |
| Protective structure "3Front: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XSafety standards, Radio lawsCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCMaritime certificationsABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAExternal dimensions (W × H × D) $241 \times 194 \times 52 \text{ mm} \\ (9.49 \times 7.64 \times 2.05 \text{ inch})$ $167 \times 139 \times 60 \text{ mm} \\ (6.57 \times 5.47 \times 2.36 \text{ inch})$ $316 \times 246 \times 52 \text{ mm} \\ (12.44 \times 9.69 \times 2.05 \text{ inch})$ Panel cut dimensions (W × H) $227 \times 176 \text{ mm} \\ (8.94 \times 6.93 \text{ inch})$ $153 \times 121 \text{ mm} \\ (6.02 \times 4.76 \text{ inch})$ $302 \times 228 \text{ mm} \\ (11.69 \times 8.98 \text{ inch})$ Weight (excluding a fitting) $1.5 \text{ kg} (3.3 \text{ b})$ $1.0 \text{ kg} (2.2 \text{ b})$ $2.4 \text{ kg} (3.3 \text{ b})$ Operating ambient temperature "10 $0 \circ C \text{ to } 5^\circ C^{ 11}$ $0 \circ C \text{ to } 5^\circ C^{ 12}$ Operating ambient temperature $-20 \circ C \text{ to } 60 \circ C$ $-20 \circ C \text{ to } 60 \circ C$ Operating ambient humidity $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ Tow raupply voltage $100 \vee AC \text{ to } 24 \vee DC \\ (+10\%, -15\%)$ $24 \vee DC \\ (+25\%, -20\%)$ $100 \vee AC \text{ to } 24 \vee DC \\ (+25\%, -20\%)$ Power supply frequency $50 \text{ Hz}/60 \text{ Hz}(\pm5\%)$ $ -$ | Hardware : | USB (host: USB-A) | • 2 channels (front face, rear face) | | 2 channels (front face, rear face) | 2 channels (front face, rear face) | | |
| Protective structure "3Front: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XSafety standards, Radio lawsCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCMaritime certificationsABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAExternal dimensions (W × H × D) $241 \times 194 \times 52 \text{ mm} \\ (9.49 \times 7.64 \times 2.05 \text{ inch})$ $167 \times 139 \times 60 \text{ mm} \\ (6.57 \times 5.47 \times 2.36 \text{ inch})$ $316 \times 246 \times 52 \text{ mm} \\ (12.44 \times 9.69 \times 2.05 \text{ inch})$ Panel cut dimensions (W × H) $227 \times 176 \text{ mm} \\ (8.94 \times 6.93 \text{ inch})$ $153 \times 121 \text{ mm} \\ (6.02 \times 4.76 \text{ inch})$ $302 \times 228 \text{ mm} \\ (11.69 \times 8.98 \text{ inch})$ Weight (excluding a fitting) $1.5 \text{ kg} (3.3 \text{ b})$ $1.0 \text{ kg} (2.2 \text{ b})$ $2.4 \text{ kg} (3.3 \text{ b})$ Operating ambient temperature "10 $0 \circ C \text{ to } 5^\circ C^{ 11}$ $0 \circ C \text{ to } 5^\circ C^{ 12}$ Operating ambient temperature $-20 \circ C \text{ to } 60 \circ C$ $-20 \circ C \text{ to } 60 \circ C$ Operating ambient humidity $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ Tow raupply voltage $100 \vee AC \text{ to } 24 \vee DC \\ (+10\%, -15\%)$ $24 \vee DC \\ (+25\%, -20\%)$ $100 \vee AC \text{ to } 24 \vee DC \\ (+25\%, -20\%)$ Power supply frequency $50 \text{ Hz}/60 \text{ Hz}(\pm5\%)$ $ -$ | | USB (device: USB Mini-B) | • 1 channel (front face) | | 1 channel (front face) | 1 channel (front face) | | |
| Protective structure "3Front: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XSafety standards, Radio lawsCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCMaritime certificationsABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAExternal dimensions (W × H × D) $241 \times 194 \times 52 \text{ mm} \\ (9.49 \times 7.64 \times 2.05 \text{ inch})$ $167 \times 139 \times 60 \text{ mm} \\ (6.57 \times 5.47 \times 2.36 \text{ inch})$ $316 \times 246 \times 52 \text{ mm} \\ (12.44 \times 9.69 \times 2.05 \text{ inch})$ Panel cut dimensions (W × H) $227 \times 176 \text{ mm} \\ (8.94 \times 6.93 \text{ inch})$ $153 \times 121 \text{ mm} \\ (6.02 \times 4.76 \text{ inch})$ $302 \times 228 \text{ mm} \\ (11.69 \times 8.98 \text{ inch})$ Weight (excluding a fitting) $1.5 \text{ kg} (3.3 \text{ b})$ $1.0 \text{ kg} (2.2 \text{ b})$ $2.4 \text{ kg} (3.3 \text{ b})$ Operating ambient temperature "10 $0 \circ C \text{ to } 5^\circ C^{ 11}$ $0 \circ C \text{ to } 5^\circ C^{ 12}$ Operating ambient temperature $-20 \circ C \text{ to } 60 \circ C$ $-20 \circ C \text{ to } 60 \circ C$ Operating ambient humidity $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ Tow raupply voltage $100 \vee AC \text{ to } 24 \vee DC \\ (+10\%, -15\%)$ $24 \vee DC \\ (+25\%, -20\%)$ $100 \vee AC \text{ to } 24 \vee DC \\ (+25\%, -20\%)$ Power supply frequency $50 \text{ Hz}/60 \text{ Hz}(\pm5\%)$ $ -$ | peci | SD memory card interface | • | | • | • | | |
| Protective structure "3Front: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XFront: IP67F "79 Inside control panel: IP2XSafety standards, Radio lawsCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCCE, UL, cUL, EAC, KCMaritime certificationsABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAExternal dimensions (W × H × D) $241 \times 194 \times 52 \text{ mm} \\ (9.49 \times 7.64 \times 2.05 \text{ inch})$ $167 \times 139 \times 60 \text{ mm} \\ (6.57 \times 5.47 \times 2.36 \text{ inch})$ $316 \times 246 \times 52 \text{ mm} \\ (12.44 \times 9.69 \times 2.05 \text{ inch})$ Panel cut dimensions (W × H) $227 \times 176 \text{ mm} \\ (8.94 \times 6.93 \text{ inch})$ $153 \times 121 \text{ mm} \\ (6.02 \times 4.76 \text{ inch})$ $302 \times 228 \text{ mm} \\ (11.69 \times 8.98 \text{ inch})$ Weight (excluding a fitting) $1.5 \text{ kg} (3.3 \text{ b})$ $1.0 \text{ kg} (2.2 \text{ b})$ $2.4 \text{ kg} (3.3 \text{ b})$ Operating ambient temperature "10 $0 \circ C \text{ to } 5^\circ C^{ 11}$ $0 \circ C \text{ to } 5^\circ C^{ 12}$ Operating ambient temperature $-20 \circ C \text{ to } 60 \circ C$ $-20 \circ C \text{ to } 60 \circ C$ Operating ambient humidity $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ Tow raupply voltage $100 \vee AC \text{ to } 24 \vee DC \\ (+10\%, -15\%)$ $24 \vee DC \\ (+25\%, -20\%)$ $100 \vee AC \text{ to } 24 \vee DC \\ (+25\%, -20\%)$ Power supply frequency $50 \text{ Hz}/60 \text{ Hz}(\pm5\%)$ $ -$ | fications | Wireless LAN communication unit | Communication units (serial, bus, CC-Link IE, MELSECNET, PROFIBUS, DeviceNet, wireless LAN), option units can be installe | | | | s can be installed. | |
| Maritime certificationsABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAABS/BV/DNV GL/LR/NK/RINAExternal dimensions (W × H × D) $241 \times 194 \times 52 \text{ mm} \\ (9.49 \times 7.64 \times 2.05 \text{ inch})$ $167 \times 139 \times 60 \text{ mm} \\ (6.57 \times 5.47 \times 2.36 \text{ inch})$ $316 \times 246 \times 52 \text{ mm} \\ (12.44 \times 9.69 \times 2.05 \text{ inch})$ Panel cut dimensions (W × H) $227 \times 176 \text{ mm} \\ (8.94 \times 6.93 \text{ inch})$ $153 \times 121 \text{ mm} \\ (6.02 \times 4.76 \text{ inch})$ $302 \times 228 \text{ mm} \\ (11.89 \times 8.98 \text{ inch})$ Weight (excluding a fitting) 1.5 kg (3.3 lb) 1.0 kg (2.2 lb) 2.44 kg (5.3 lb)Operating ambient temperature '10 $0 \circ \text{Cto} 55 \circ \text{C'11}$ $0 \circ \text{Cto} 55 \circ \text{C'12}$ $0 \circ \text{Cto} 55 \circ \text{C'12}$ Storage ambient temperature $-20 \circ \text{Cto} 60 \circ \text{C}$ $-20 \circ \text{Cto} 60 \circ \text{C}$ $-20 \circ \text{Cto} 60 \circ \text{C}$ Operating ambient humidity $10\% \text{ RH to} 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to} 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to} 90\% \text{ RH, non-condensing}$ Storage ambient humidity $10\% \text{ RH to} 90\% \text{ RL, non-condensing}$ $10\% \text{ RH to} 90\% \text{ RL, non-condensing}$ $10\% \text{ RH to} 90\% \text{ RL, non-condensing}$ Power supply voltage $100 \text{ VAC to} 240 \text{ VAC} (24 \text{ VDC} (+25\%, -20\%)$ $24 \text{ VDC} (+25\%, -20\%)$ $24 \text{ VDC} (+25\%, -20\%)$ $24 \text{ VDC} (+25\%, -20\%)$ Power supply frequency $50 \text{ Hz}/60 \text{ Hz} (\pm5\%)$ $ -$ | | Protective structure *3 | | | | | | |
| $ \begin{array}{ c c c c c c c } \hline External dimensions (W \times H \times D) & \begin{array}{c} 241 \times 194 \times 52 \text{ mm} \\ (9.49 \times 7.64 \times 2.05 \text{ inch}) & \begin{array}{c} 167 \times 139 \times 60 \text{ mm} \\ (6.57 \times 5.47 \times 2.36 \text{ inch}) & \begin{array}{c} 316 \times 246 \times 52 \text{ mm} \\ (12.44 \times 9.69 \times 2.05 \text{ inch}) & \begin{array}{c} 302 \times 228 \text{ mm} \\ (11.89 \times 8.98 \text{ inch}) & \begin{array}{c} 227 \times 176 \text{ mm} \\ (8.94 \times 6.93 \text{ inch}) & \begin{array}{c} 153 \times 121 \text{ mm} \\ (6.02 \times 4.76 \text{ inch}) & \begin{array}{c} 302 \times 228 \text{ mm} \\ (11.89 \times 8.98 \text{ inch}) & \end{array} \\ \hline \\$ | | Safety standards, Radio laws | CE, UL, cUL, EAC, KC | | CE, UL, cUL, EAC, KC | CE, UL, cUL, EAC, KC | | |
| External dimensions (W × H × D) $(9.49 \times 7.64 \times 2.05 \text{ inch})$ $(6.57 \times 5.47 \times 2.36 \text{ inch})$ $(12.44 \times 9.69 \times 2.05 \text{ inch})$ Panel cut dimensions (W × H) $227 \times 176 \text{ mm}$ $(8.94 \times 6.93 \text{ inch})$ $153 \times 121 \text{ mm}$ $(6.02 \times 4.76 \text{ inch})$ $302 \times 228 \text{ mm}$ $(11.89 \times 8.98 \text{ inch})$ Weight (excluding a fitting) 1.5 kg (3.3 lb) 1.0 kg (2.2 lb) 2.4 kg (5.3 lb)Operating ambient temperature *10 $0 \text{ °C to } 55 \text{ °C } \text{ °T1}$ $0 \text{ °C to } 55 \text{ °C } \text{ °C}$ Storage ambient temperature $-20 \text{ °C to } 60 \text{ °C}$ $-20 \text{ °C to } 60 \text{ °C}$ Operating ambient temperature $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ Storage ambient humidity $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ Storage ambient humidity $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ $10\% \text{ RH to } 90\% \text{ RH, non-condensing}$ Power supply voltage $100 \text{ VAC to } 240 \text{ VAC} \ (+25\%, -20\%)$ $24 \text{ VDC} \ (+25\%, -20\%)$ $100 \text{ VAC to } 240 \text{ VAC} \ (+25\%, -20\%)$ Power supply frequency $50 \text{ Hz}/60 \text{ Hz} (\pm5\%)$ $ -$ | | Maritime certifications | ABS/BV/DNV GL/LR/NK/RINA | | ABS/BV/DNV GL/LR/NK/RINA | ABS/BV/DNV GL/LR/NK/RINA | | |
| $ \begin{array}{ c c c c c } \hline Particle Cut dimensions (W \times H) & (8.94 \times 6.93 inch) & (6.02 \times 4.76 inch) & (11.89 \times 8.98 inch) \\ \hline $ | | External dimensions (W × H × D) | | | | | | |
| Operating ambient temperature *10 0 °C to 55 °C *11 0 °C to 55 °C *12 0 °C to 55 °C *12 Storage ambient temperature -20 °C to 60 °C Operating ambient temperature 10% RH to 90% RH, non-condensing Storage ambient humidity 10% RH to 90% RH, non-condensing 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 10% RH to 90% RH, non-condensing Power supply voltage 100 V AC to 240 V AC (±10%, -15%) 24 V DC (±25%, -20%) 100 V AC to 240 V AC (±25%, -20%) 24 V DC (±25%, -20%) Power supply frequency 50 Hz/60 Hz (±5%) - - 50 Hz/60 Hz (±5%) - | | Panel cut dimensions (W × H) | | | | | | |
| Storage ambient temperature -20 °C to 60 °C -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 10% RH to 90% RH, non-condensing Storage ambient humidity 10% RH to 90% RH, non-condensing 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 10% RH to 90% RH, non-condensing Power supply voltage 100 V AC to 240 V AC (+10%, -15%) 24 V DC (+25%, -20%) 100 V AC to 240 V AC (+25%, -20%) 24 V DC (+25%, -20%) Power supply frequency 50 Hz/60 Hz (±5%) — — 50 Hz/60 Hz (±5%) — | | Weight (excluding a fitting) | 1.5 kg (3.3 lb) | | 1.0 kg (2.2 lb) | 2.4 kg (5.3 lb) | | |
| Operating ambient humidity 10% RH to 90% RH, non-condensing 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 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 (+25%, -20%) 24 V DC (+25%, -20%) Power supply frequency 50 Hz/60 Hz (±5%) — — 50 Hz/60 Hz (±5%) — | | Operating ambient temperature *10 | 0 °C to 5 | 5 °C *11 | 0 °C to 55 °C *12 | 0 °C to 55 °C *12 | | |
| Storage ambient humidity 10% RH to 90% RH, non-condensing 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 (+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%) — | | Storage ambient temperature | -20 °C to | 0 °C 00 ℃ | –20 °C to 60 °C | -20 °C to 60 °C | | |
| 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%) — | | Operating ambient humidity | 10% RH to 90% RH, non-condensing | | 10% RH to 90% RH, non-condensing | 10% RH to 90% RH, non-condensing | | |
| Power supply voltage (+10%, -15%) (+25%, -20%) (+10%, -15%) (+25%, -20%) Power supply frequency 50 Hz/60 Hz (±5%) — — 50 Hz/60 Hz (±5%) — | | Storage ambient humidity | | | | | | |
| | | Power supply voltage | | | | | | |
| Mitsubishi Electric Corporation • • • Allen-Bradley (Rockwell Automation, Inc.) • • • • KEYENCE CORPORATION • • • • OMRON Corporation • • • • | | Power supply frequency | 50 Hz/60 Hz (±5%) | — | | 50 Hz/60 Hz (±5%) | _ | |
| Allen-Bradley (Rockwell Automation, Inc.) • • KEYENCE CORPORATION • • OMRON Corporation • • | Controller c | | • | | • | • | | |
| KEYENCE CORPORATION • • OMRON Corporation • • | | | ٠ | | • | • | | |
| G OMRON Corporation | ONNE | KEYENCE CORPORATION | | | • | | | |
| | oction | | | | | | | |
| [™] ₆ Siemens AG | *6 | Siemens AG | • It temperature of 25 °C. | | • | • | | |

*1 Time for display intensity reaches 50% at ambient temperature of 25 $^{\circ}\mathrm{C}.$

*2 *3 For the details of connectable units, please refer to the relevant product manual.

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

*4 *5

*6

*7

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