

ST-3401T Graphic Operator Interfaces, ST3000 Series



Functional Specifications

Specifications	
International Safety Standards	UL, CE
Display Type	TFT Color LCD
Display Colors	256 colors (no blink) / 64 colors (3-speed blink)
Display Resolution	640 x 480 dots
Brightness Control	8 gradations (adjustable via touch panel)
Contrast Adjustment	—
Language Fonts	Japanese: 6962 (JIS standards 1 & 2 including 607 non-kanji characters) ANK: 158 (Korean fonts, Simplified Chinese and Taiwanese traditional Chinese fonts are downloadable)
Text Composition	Character Sizes
	Font Sizes
Text	8 x 8 dots
	8 x 16 dots
	16 x 16 dots
	32 x 32 dots
Memory	Application
	Data Backup
Touch Panel	Type
	Resolution
Interface	Serial Interface (COM1)
	Serial Interface (COM2)
	USB Interface
	CF Card Interface

*1 Font sizes can be set up via software in addition to the sizes given above. *2 Indicates the available user area.

*3 SIEMENS SIMATIC S7-200/300/400 series (MPI port only). Please contact your Pro-face sales representative for supported models and other details.

General Specifications

Specifications	
Rated Voltage	DC24V
Rated Voltage Range	DC19.2V to DC28.8V
Power Consumption	22W or less
Insulation Resistance	10MΩ or higher at DC500V (between charging and FG terminals)
Operating Temperature	0°C to +50°C *1
Storage Temperature	-20°C to +60°C
Vibration Resistance	IEC61131-2 (JIS B 3502) compliant 5 Hz to 9 Hz single amplitude 3.5 mm 9 Hz to 150 Hz fixed acceleration 9.8 m/s ² X, Y, Z directions for 10 times (100 min.)
Noise Immunity (Via noise simulator)	Noise Voltage: 1000 Vp-p Pulse Duration: 1 μs Rise Time: 1 ns
Grounding	Functional Grounding: D-type grounding (SG-FG common)
Protection Ratings	— *2
Weight	1.8 kg (3.96 lb.) or less

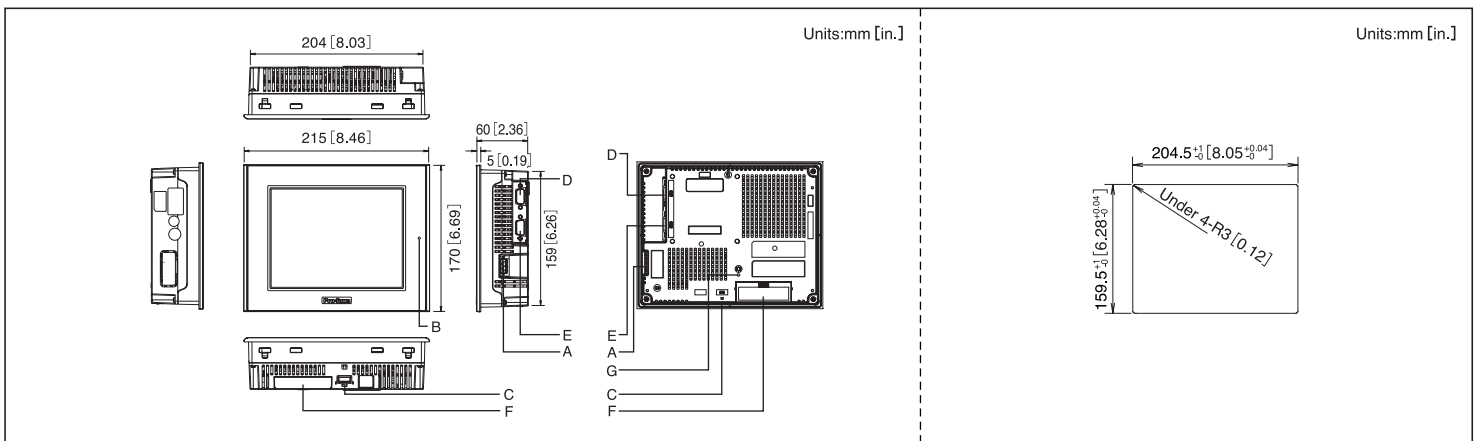
*1 Operating temperature refers to temperature inside mounting enclosure. *2 Now acquiring (Equivalent to IP65f NEMA #250 TYPE 4X/13)

Option List (Maintenance Item & Repair Item)

Product Name	Model No.	Description
Protection Sheet	PS400-DF00	Disposable, dirt-resistant sheet for the ST unit's screen. (5 sheets/set) (Hard type)
Installation Gasket	CA5-WPG8-01	Provides dust and moisture resistance when ST is installed into a solid panel.
Connector Cover	CA3-BUSCVR-01	Protects the ST unit's rear face connector. (Large size and small size each 1)
USB Cable Clamp (2 ports)	CA5-USBATM-01	USB Cable clamp for 2 port products to prevent disconnection. (Set of 5 cable clamps)
DC Power Supply Connector for Medium-sized Units	CA5-DCCNM-01	Connector for attaching power supply to medium-sized units. (Set of 5 connectors)
Installation Fastener	CA3-ATFALL-01	Used to install the ST into a solid panel. (1 set for 4 fasteners)

*1 ST bundles maintenance items. You only need to purchase new items in case of breakage or loss.

External Dimensions, Parts Names & Panel Cut-out Dimensions



A	Power Plug Connector	E	Serial Interface (COM2)
B	Status LED	F	CF Card Cover (CF Card Interface, Dip Switches)
C	USB Interface (Host)	G	CF Card Access LED
D	Serial Interface (COM1)		

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.
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- All information contained in this document is subject to change without notice.

For more information

ACCESS www.pro-face.com

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Human Machine Interface