PFXST6200WADE
4"W touch panel display, 1COM, 1Ethernet, USB host&device, 24VDC, GP-ProEX model

Green Premium™

Main

Range of product	Pro-face ST6000
Product or component type	Touch panel screen

Complementary

Display size	4 inch
Display type	Colour TFT LCD
Display colour	16 million colours
Display resolution	480 x 272 pixels
Touch panel	Single touch analogue resistive
Backlight lifespan	50000 hours with white
Brightness	16 levels via touch panel
[Us] rated supply voltage	24 V DC
Inrush current	30 A
Input voltage limits	19.2...28.8 V DC
Allowable voltage drop time	2 ms
Voltage endurance	1000 V AC during 1 min
Maximum power consumption in W	6.9 W 3.6 W when power is not supplied to external devices 2.8 W when backlight is OFF
Memory description	User data memory 64 MB Backup memory 320 kB
Integrated connection type	COM1 serial link 1 SUB-D 9-pin female, interface: RS232C/RS422/RS485, transmission rate: 2400...115200 bps USB 2.0 type A USB 2.0 type micro B Ethernet female RJ45 10BASE-T/100BASE-TX
Data format	8 bits, no parity, 1 or 2 stop even or odd
Electrical connection	Cable 2 mm², AWG 14, max resistance 100 Ohm for functional grounding
Type of cooling	AN (air natural)
Fixing mode	By 2 screws, mounting on 1.6...5 mm thick panel conforming to UL 61010-2-201 By 2 screws conforming to IEC 61131-2 By 2 screws conforming to IEC 61000-6-2
Enclosure material	PC
Front material	Aluminium
Cut-out dimensions	118.5 x 92.5 mm
Height	108.5 mm
Width	134.5 mm
Depth	43 mm
Net weight	0.4 kg

Environment

Standards	IEC 61000-6-4 IEC 61000-6-2 IEC 61131-2 UL 61010-2-201 CSA C22.2 No 61010-2-201 KN 11 KN 61000-6-2
Product certifications	CE[RETURN]EAC[RETURN]UL/cUL listed[RETURN]IC[RETURN]RCM[RETURN]UKCA
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive
Ambient air temperature for operation	0…50 °C
Ambient air temperature for storage	-20…60 °C
Relative humidity	10…90 % non-condensing
Storage Relative Humidity	10…90 % non-condensing
Operating altitude	2000 m
IP degree of protection	IP20 (rear panel) conforming to IEC 61131-2 IP65f (front panel) conforming to IEC 61131-2
NEMA degree of protection	NEMA 4X front panel (indoor use) NEMA Type 1 NEMA 13 front panel (in enclosure)
Pollution degree	2
Environmental characteristic	Corrosive gas free
Shock resistance	147 m/s² for 11 ms (X, Y, Z directions for 3 times) conforming to IEC 61131-2
Vibration resistance	+/- 3.5 mm (f = 5…9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2 9.8 m/s² (f = 9…150 Hz)
Insulation resistance	>= 10 MOhm
Electromagnetic compatibility	Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 1 kV (signal ports) conforming to IEC 61000-4-4 Electrostatic discharge immunity test - test level: 6 kV level 3 (contact discharge) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 8 kV level 3 (air discharge) conforming to IEC 61000-4-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	13.5 cm
Package 1 Length	18.5 cm
Package 1 Weight	462.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.044 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins