

PFXGP4601TAD



12.1 touch panel display, SVGA, Analog-Single, 2xCOM, ETH, USB A & mini-B, SD, 24VDC

- Main

category.replacementOption

Complementary

Packing Units

Offer Sustainability
- category.replacementOption

Environment

Contractual warranty

Main	
Product or component type	Touch panel screen
Range of product	Pro-face GP4000
Field.endOfSales	-
Field.endOfRepair	-

category.replacementOption	
Field.replacementCode	PFXGP6600TAD
Field.replacementComment	GP6000 Series Standard Model 12.1" TFT color LCD Analog touch panel DC power supply Panel cut-out size same Display resolution different Blink function supported For more details, refer to the "Replacement Guidebook"

category.replacementOption	
Field.replacementCode	PFXGP6740WCDI
Field.replacementComment	GP6000 Series Advanced Model 15" Wide TFT color LCD PCAP (projected capacitive) touch panel DC power supply Panel cut-out size different Display resolution different Blink function supported For more details, refer to the "Replacement Guidebook"

category.replacementOption	
Field.replacementCode	PFXGP6640TMDI
Field.replacementComment	GP6000 Series Advanced Model 12" TFT color LCD Resistive film (analog, two-point touch) DC power supply Panel cut-out size same Display resolution different Blink function supported For more details, refer to the "Replacement Guidebook"

Complementary	
Display size	12.1 inch

Display type	Colour TFT LCD
Display colour	65536 colours
Display resolution	800 x 600 pixels SVGA
Touch panel	Single touch analogue resistive
Backlight lifespan	50000 hours with white
Brightness	16 levels via touch panel 16 levels by software
Character font	Japanese ASCII Chinese (simplified Chinese) Chinese (traditional Chinese) Korean Cyrillic Thai
[Us] rated supply voltage	24 V DC
Inrush current	30 A
Input voltage limits	19.2...28.8 V DC
Rated short-duration power frequency withstand voltage	1000 V AC during 1 min
Local signalling	Status LED green, steady for offline Status LED green, steady for operating status (RUN) Status LED green, flashing for logic stop Status LED orange, flashing for software starting up Status LED red, steady for power ON Status LED red, flashing for ERR (Error)
Memory description	User data memory 32 MB Backup memory 320 kB
Type of cooling	AN (air natural)

Integrated connection type	COM1 serial link 1 SUB-D 9-pin male, interface: RS232C, transmission rate: 2400...115200 bps COM2 serial link 1 SUB-D 9-pin male, interface: RS422/RS485, transmission rate: 2400...115200 bps COM2 serial link 1 SUB-D 9-pin male, interface: RS422/RS485, transmission rate: 187.5 kbps compatible with MPI USB 2.0 type A USB 2.0 type mini B Ethernet 1 RJ45, interface: 10BASE-T/100BASE-TX SD card slot
Maximum power consumption in W	17 W 12 W when power is not supplied to external devices 7 W backlight off (standby mode) 8 W backlight dimmed (brightness: 20%)
Electrical connection	Cable 2 mm ² , AWG 14, max resistance 100 Ohm for functional grounding
Fixing mode	By 4 screws, mounting on 1.6...5 mm thick panel
Cut-out dimensions	301.5 x 227.5 mm panel cut dimension
Width	315 mm
Height	241 mm
Depth	56 mm
Net weight	2.5 kg



Environment	
Product certifications	UL cUL CE UKCA UKEX KC CCC Ex RCM EAC DNV ABS LR BV RINA CCS NK
NEMA degree of protection	NEMA 4X front panel (in enclosure) NEMA 13 front panel (in enclosure)



Standards	EN 61000-6-4 IEC 61000-6-2 UL 508 CSA C22.2 No 142 ANSI/ISA 12.12.01 CSA C22.2 No 213 Class I Division 2
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive 2011/65/EU - RoHS 2015/863/EU - RoHS directive
IP degree of protection	IP65f (front panel (in enclosure))
Ambient air temperature for operation	0...55 °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
Pollution degree	2
Environmental characteristic	Corrosive gas free
Vibration resistance	3.5 mm (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2 9.8 m/s ² (f = 9...150 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2
Shock resistance	147 m/s ² (X, Y, Z directions for 3 times) conforming to EN/IEC 61131-2
Insulation resistance	> 10 MOhm
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to EN/IEC 61000-4-2 level 3

Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1



Package 1 Height	17.500 cm
Package 1 Width	32.000 cm
Package 1 Length	39.500 cm
Package 1 Weight	3.354 kg
Unit Type of Package 2	P12
Number of Units in Package 2	30
Package 2 Height	135.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	114.150 kg

Contractual warranty	
Warranty (in months)	18



Offer Sustainability

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data Explained

Recyclability potential, in %	26
Total lifecycle Carbon footprint	2 590 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	205 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.7 kg CO2 eq.



Carbon footprint of the use phase [B2, B3, B4, B6]	2 380 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
RoHS exemption information	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	2590
F-gas free	K izolaci a zhášení je využíváno pouze vzduchové a vakuové médium; bez obsahu F-plynů včetně SF6.
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	EU RoHS Declaration
REACH Regulation	REACH Declaration
SCIP Number	3647523b-250a-4687-bcce-2d1cdcab982a
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No
End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	No

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