WP 6121-WXPS - Web panel

1290802

https://www.phoenixcontact.com/us/products/1290802

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IP66 Touch panel with 12.1-inch widescreen (16:9) XGA, PCAP display, Software: Qt Browser

Your advantages

- Easy startup – just enter the IP and URL
- Flexible, thanks to open web standard and free choice of web server and visualization software
- No security updates are required for JAVA or Flash plug-ins thanks to HTML5
- Ideal for use with PLCnext Engineer or CODESYS
- Embedded Linux operating system
- Visualization of self-programmed JavaScript applications possible

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1290802
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR17
Product key	DRCADF
GTIN	4063151522650
Weight per piece (including packing)	4,000 g
Weight per piece (excluding packing)	2,200 g
Customs tariff number	84714100
Country of origin	TW

Technical data

Notes

Note on application	Only for industrial use

Product properties

Product type	Operator panel

Computer data

Processor	Arm® Cortex®-A55 1.6 GHz
Operating system	Yocto/Linux®
Data storage system	Flash eMMC, 8 GB
Slots	1x microSD

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	88.00 °
Reading angle right	88.00 °
Reading angle top	88.00 °
Reading angle bottom	88.00 °

Interfaces

Interfaces	2x USB 2.0
	1x USB 3.0, Typ C
	1x COM (RS-232/422/485)
Optional interfaces	Without optional interface
Network	1 x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

System properties

User software	QT browser

System requirements

Runtime system	Qt Browser

Electrical properties

Service life of battery	5 years (typical)

Supply

Supply voltage (DC)	24 V DC ±20%

Supply voltage range	18 V DC ... 32 V DC
Power supply unit	24 V DC ±20 %
Max. current consumption	1.81 A (24 V DC)
Typical current consumption	0.9 A (24 V DC)

Real-time clock

Real-time clock	Yes (battery-backed)

Mounting

Mounting type	Front mounting (Installation cutout)

Material specifications

Color (Housing)	white aluminium (RAL 9006)
Material (Housing front)	Aluminum (anodized)
Material (Housing)	Die-cast aluminum (powder-coated)

Connection data

Connection method	Screw connection
Conductor cross-section, rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12
Stripping length	7 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 (front), IP20 (back)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 60 °C
Permissible humidity (operation)	5 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 85 % (non-condensing)
Shock	15g with 11 ms impulse
Vibration (operation)	1g

Dimensions

External dimensions

Width / Height / Depth	302 mm / 229 mm / 51 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	292 mm / 219 mm / (Installation cutout)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1290802

IECEE CB Scheme
Approval ID: US-39088-UL

UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

Classifications

ECLASS

ECLASS-13.0	27330201
ECLASS-15.0	27330201

ETIM

ETIM 10.0	EC001412

UNSPSC

UNSPSC 21.0	43211900

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-15
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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