WP 6156-WHPS - Web panel

1290803

https://www.phoenixcontact.com/us/products/1290803

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CRA-READY



IP66 Touch panel with 15.6-inch widescreen (16:9) HD, 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	1290803
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR17
Product key	DRCADF

GTIN	4063151521882
Weight per piece (including packing)	6,900 g
Weight per piece (excluding packing)	4,400 g
Customs tariff number	84714100
Country of origin	TW

Technical data

Notes

Note on application	Only for industrial use
Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.

Product properties

Product type	Operator panel
Special properties	The product is being prepared for compliance with the Cyber Resilience Act (CRA)

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	39.6 cm / 15.6"-TFT
Screen resolution	1920 x 1080 Pixel(s) (Full HD)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	450 cd/m²
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	85.00 °
Reading angle right	85.00 °
Reading angle top	85.00 °
Reading angle bottom	85.00 °

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	1.27 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)	-20 °C ... 60 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Shock	15g with 11 ms impulse
Vibration (operation)	1g

Dimensions

External dimensions

Width / Height / Depth	398 mm / 273 mm / 51 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	388 mm / 263 mm / (Installation cutout)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1290803

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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