WP 6156-WHPS - Web panel

1290803

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

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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

Commercial data

Item number	1290803
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRC
Product key	DRCADF
GTIN	4063151521882
Weight per piece (including packing)	2,260 g
Weight per piece (excluding packing)	2,100 g
Customs tariff number	84714100
Country of origin	TW

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Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Operator panel

Computer data

Processor	Arm® Cortex®-A53, 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	1x 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)

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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

Realtime clock	Yes (battery-backed)

Mounting

Mounting type	Front mounting

Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Aluminum cast alloy, 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)
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)

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Approvals

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

IECEE CB Scheme
Approval ID: US-39088-UL

UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

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Classifications

ECLASS

ECLASS-13.0	27330201
ECLASS-15.0	27330201

ETIM

ETIM 9.0	EC001412

UNSPSC

UNSPSC 21.0	43211900

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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)

EF3.0 Climate Change

CO2e kg	116.273 kg CO2e

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PHOENIX CONTACT Middle East FZ LLC
1201N-1206N, Dubai Science Park Towers – North
P.O. Box 345002, Dubai, United Arab Emirates
(+971) 4 437-0324
info-me@phoenixcontact.com

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