

WP 6101-WXPS - Web panel

1290801

<https://www.phoenixcontact.com/in/products/1290801>



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IP66 Touch panel with 10.1-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

Commercial Data

Item number	1290801
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	*****
Product Key	DRCADF
GTIN	4063151523039
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

Product properties

Product type	Operator panel
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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	25.7 cm / 10.1" TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	500 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	85 °
Reading angle right	85 °
Reading angle top	85 °
Reading angle bottom	85 °

Software

User software	QT browser
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System requirements

Runtime system	Qt Browser
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Interfaces

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

System properties

User software	QT browser
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System requirements

Runtime system	Qt Browser
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Electrical properties

Supply

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Supply voltage	24 V DC
Supply voltage range	18 V ... 32 V
Power supply unit	24 V DC ± 20 %

Real-time clock

Realtime clock	Integrated (battery backup)
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Mounting

Mounting type	Front mounting
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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 mm ² ... 2.5 mm ²
Conductor cross section, flexible	0.2 mm ² ... 2.5 mm ²
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)
Vibration (operation)	1g

Dimensions

External dimensions

Width / Height / Depth	263 mm / 200 mm / 51 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	252 mm / 189 mm / (Installation cutout)
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