

Web panel - WP 6185-WHPS



1290807

<https://www.phoenixcontact.com/gb/products/1290807>

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IP66 Touch panel with 18.5-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	1290807
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	DRCADF
Product Key	DRCADF
GTIN	4063151523046
Weight per Piece (including packing)	2,260 g
Weight per Piece (excluding packing)	2,100 g
Customs tariff number	84714100
Country of origin	TW

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	Flash eMMC, 8 GB
Slots	1x microSD

Display

Display type	46.9 cm/18.5" TFT
Screen resolution	1920 x 1080 Pixel(s) (Full HD)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	89 °
Reading angle right	89 °
Reading angle top	89 °
Reading angle bottom	89 °

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

Electrical properties

Supply

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 installation
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Material specifications

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

Ambient conditions

Degree of protection	IP66 (front), IP20 (back)
Ambient temperature (operation)	0 °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	465 mm / 310 mm / 51 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	455 mm / 300 mm / (Installation cutout)
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Approvals



IECEE CB Scheme

Approval ID: US-39088-UL



EAC

Approval ID: RU C-DE.A*08.B01708



UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705

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Classifications

ECLASS

ECLASS-9.0	27330201
ECLASS-10.0.1	27330201
ECLASS-11.0	27330201

ETIM

ETIM 8.0	EC001412
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UNSPSC

UNSPSC 21.0	43211900
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME) 110-71-4

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Accessories

Battery

Battery - TP/WP 6000 RTC BATTERY KIT - 1289761

<https://www.phoenixcontact.com/gb/products/1289761>

Replacement battery for TP and WP 6000 touch panel



PCB connector

PCB connector - MSTB 2,5/ 3-STF-5,08 - 1777992

<https://www.phoenixcontact.com/gb/products/1777992>



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MSTB 2,5/...-STF, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON MSTB 2,5, locking: Screw locking, mounting: Screw flange, type of packaging: packed in cardboard

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Memory

Memory - MICROSDHC-16GB - 1154696

<https://www.phoenixcontact.com/gb/products/1154696>



Industrial grade 16 GB MicroSDHC 3DTLC

Memory

Memory - MICROSDHC-32GB - 1154699

<https://www.phoenixcontact.com/gb/products/1154699>



Industrial grade 32 GB MicroSDHC 3DTLC

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