WP 4185-WHPS - Web panel

1148690

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Similar figure

Web panel; 47 cm / 18.5"-TFT display (projective-capacitive (PCAP)); 1366 x 768 pixel(s) (HD); 16.7 million colors; Processor: Arm® Cortex®-A53, 4x 1.2 GHz; Interfaces: 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45; Operating system: Yocto/Linux®; Software: Chromium Browser; without bus system

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
- Secure communication, thanks to SSL-encrypted data transmission

Commercial data

Item number	1148690
Packing unit	1 pc
Sales key	DR17
Product key	DRCADF
GTIN	4063151142346
Weight per piece (including packing)	6,660 g
Weight per piece (excluding packing)	5,000 g
Customs tariff number	84714100
Country of origin	DE

Technical data

Product properties

Product type	Operator panel
Weight	5500 g

Computer data

Processor	Arm® Cortex®-A53, 4x 1.2 GHz
Operating system	Yocto/Linux®
RAM	1 GB LPDDR3
Data storage system	Flash eMMC, 8 GB
Slots	1x microSD

Display

Display type	47 cm / 18.5"-TFT
Screen resolution	1366 x 768 Pixel(s) (HD)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	240 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	85.00 °
Reading angle right	85.00 °
Reading angle top	80.00 °
Reading angle bottom	80.00 °

Interfaces

Interfaces	2x USB Host 2.0
Optional interfaces	Without optional interface
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	Chromium Browser

System requirements

Runtime system	Chromium browser

Electrical properties

Supply

Supply voltage	24 V DC
Supply voltage range	18 V ... 30 V
Power supply unit	24 V DC ±20 %
Typical current consumption	1.2 A

Real-time clock

Real-time clock	Integrated (battery backup)

Mounting

Mounting type	Front mounting

Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C
Altitude	3000 m
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	20 % ... 85 % (non-condensing)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	485 mm / 329 mm / 8 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	475 mm / 311 mm / 53 mm (Installation cutout)

Classifications

UNSPSC

UNSPSC 21.0	43211900

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 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)
SCIP	7d968381-ce29-4fea-800d-464e300da83c

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https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com