

WP 07T/WT - Web panel



2400164

<https://www.phoenixcontact.com/us/products/2400164>

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Rugged-Web panel, 17.8 cm / 7"-TFT display (Analog resistive (GFG), anti-reflective coating), 800 x 480 pixel(s) (WVGA), 65536 colors, Arm9™, 184 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, MicroBrowser, without bus system.

Your advantages

- High degree of protection: IP67 (front)
- Extended temperature range of -20 °C ... +70 °C
- High chemical resistance (glass touch)
- UV resistance
- High resistance to abrasion for the front
- Display can be read in sunlight
- Easy device replacement - the visualization project is saved on the PLC
- Energy efficient due to LED backlighting
- Short startup time
- Neutral front
- Easy installation, low installation depth, and compact design

Commercial data

Item number	2400164
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR17
Product key	DRCACD
GTIN	4046356965910
Weight per piece (including packing)	1 kg
Weight per piece (excluding packing)	1 kg
Customs tariff number	84714100
Country of origin	DE

Technical data

Product properties

Product type	Operator panel
Application	Rugged

Computer data

Processor	Arm9™, 184 MHz
Operating system	Windows® CE 5.0
RAM	128 MB SDRAM
Data storage system	Flash, 64 MB

Display

Display type	17.8 cm / 7"-TFT
Readability in sunlight	yes
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Analog resistive (GFG), anti-reflective coating
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	65536 colors

Interfaces

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

System properties

User software	MicroBrowser
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Electrical properties

Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.3 A

Supply

Power consumption	typ. 7.2 W
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Mounting

Mounting type	Front mounting
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Material specifications

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

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
	front; non-condensing
Permissible humidity (storage/transport)	20 % ... 85 % (non-condensing)
	5 % ... 95 % (front; non-condensing)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Dimensions

Width	234 mm
Height	173 mm
Depth	47 mm

External dimensions

Width / Height / Depth	234 mm / 173 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	200 mm / 140 mm / 42 mm (Installation cutout)
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Classifications

UNSPSC

UNSPSC 21.0	43211904
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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.)	No substance above 0.1 wt%
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