

WP 07T/WT - Web panel

2400164

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



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

WP 07T/WT - Web panel

2400164

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



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
---------------	--------------

Electrical properties

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

Supply

Power consumption	typ. 7.2 W
-------------------	------------

Mounting

Mounting type	Front mounting
---------------	----------------

Material specifications

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

WP 07T/WT - Web panel

2400164

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



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)
------------------------	--

Installation dimensions

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

Classifications

UNSPSC

UNSPSC 21.0

43211904

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

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