

Touch panel - WP 07T/WT - 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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Touch panel with 17.8 cm/7" TFT-Display (Analog resistive (GFG), anti-reflective coating), 800 x 480 Pixel (WVGA), 65536 colors, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and User software: MicroBrowser. (Bus system: without)

The figure shows a similar product

Why buy this product

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

Key Commercial Data

Packing unit	1 STK
Custom tariff number	84714100
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
-------------------------	---

Dimensions

External dimension, width	234 mm
External dimension, height	173 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate

Touch panel - WP 07T/WT - 2400164

Technical data

Dimensions

Installation dimension, width	200 mm
Installation dimension, height	140 mm
Installation dimension, depth	42 mm
Note regarding installation dimension	Installation cutout

Display

Display	17.8 cm/7" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch technology	Analog resistive (GFG), anti-reflective coating
Colors	65536 colors

Computer data

Operating systems	Windows® CE 5.0
User software	MicroBrowser
RAM	128 MB SDRAM
Mass storage	64 MB Flash
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB Host 2.0
Bus system	without

General

Mounting type	Front installation
Weight	1100 g

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)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

Device supply

Power consumption	6 W
-------------------	-----

Touch panel - WP 07T/WT - 2400164

Technical data

Device supply

Power supply unit	24 V DC \pm 20 %
-------------------	--------------------

Standards and Regulations

Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Classifications

eCl@ss

eCl@ss 5.1	27242302
eCl@ss 6.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 5.0	EC001412

Approvals

Approvals

Approvals

DNV / LR / ABS / RINA / GL / GL-SW / BV / UL Listed / cUL Listed / GL

Ex Approvals

Approval details

DNV <http://exchange.dnv.com/tari/A-13918>

LR <http://www.lr.org/en/14/20017>

ABS <http://www.eagle.org/eagleExternalPortalWEB/14-HG1287593-PDA>

RINA <http://www.rina.org/en/index.aspx/ELE086614XG>

Touch panel - WP 07T/WT - 2400164

Approvals

GL <http://www.gl-group.com/newbuilding/approvals/index.html> 54463-07 HH

GL-SW 54463-07 HH

BV http://www.veristar.com/wps/portal/lut/pl_s.7_0_A/7_0_RIM 41475/A0 BV

UL Listed <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 205795

cUL Listed <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 205795

GL  <http://www.gl-group.com/newbuilding/approvals/index.html>

Accessories

Accessories

Mounting material

Mounting material - HMI SCB MOUNTING KIT 4 - 2701384



HMI mounting kit for installation on a front plate. The mounting kit includes 4 x mounting brackets, 4 x screw threads, and a hexagonal wrench.

Mounting material - HMI SCB MOUNTING KIT 6 - 2701385



HMI mounting kit for installation on a front plate. The mounting kit includes 6 x mounting brackets, 6 x screw threads, and a hexagonal wrench.

Touch panel - WP 07T/WT - 2400164

Accessories

Mounting material - HMI SCB MOUNTING KIT 8 - 2701387



HMI mounting kit for installation on a front plate. The mounting kit includes 8 x mounting brackets, 8 x screw threads, and a hexagonal wrench.

Mounting material - HMI WALL MOUNTING KIT - 2701380



HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.

Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for HMIs, silver coated. Delivery includes self-adhesive pen holder.

PCB plug

Printed-circuit board connector - MSTB 2,5/ 3-STF - 1786844



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Storage medium

Touch panel - WP 07T/WT - 2400164

Accessories

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB