

TP90XIT-10/3112C240 S00006 - Touch panel



2401623

<https://www.phoenixcontact.com/us/products/2401623>

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.



Similar figure

Touch panel, 22.9 cm / 9"-TFT display (analog resistive (polyester)), 800 x 480 pixel(s) (WVGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, TSvisRT, CAN.

Commercial data

Item number	2401623
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626296906
Weight per piece (including packing)	1.3 kg
Weight per piece (excluding packing)	1.3 kg
Country of origin	DE

Technical data

Notes

Utilization restriction

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

Product properties

Product type	Operator panel
--------------	----------------

Computer data

Processor	Xscale® PXA320, 806 MHz
Operating system	Windows® CE 5.0
RAM	128 MB SDRAM 1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Extras	Integrated acoustic signal (buzzer)

Display

Display type	22.9 cm / 9"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	800 cd/m ² , typical (adjustable)
MTBF	70000 h
Color spectrum	262144 colors
Reading angle left	85.00 °
Reading angle right	85.00 °
Reading angle top	85.00 °
Reading angle bottom	85.00 °

Interfaces

Interfaces	2x USB host 1.1
Optional interfaces	CF slot
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	CAN

System properties

User software	TSvisRT
---------------	---------

Electrical properties

Service life of battery	5 years (typical)
-------------------------	-------------------

Supply

Power supply unit	24 V DC ±20 %
-------------------	---------------

2401623

<https://www.phoenixcontact.com/us/products/2401623>

Max. current consumption	0.8 A
Real-time clock	
Realtime clock	Yes

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) NEMA 4X
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Altitude	3000 m
Permissible humidity (operation)	20 % ... 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	260 mm / 172 mm / 5 mm (Dimensions of the front plate)
------------------------	--

Installation dimensions

Width / Height / Installation depth	252 mm / 164 mm / 54 mm (Mounting cutout, depth with bus if bus system present in the device)
-------------------------------------	---

2401623

<https://www.phoenixcontact.com/us/products/2401623>

Environmental product compliance

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 2026 © - 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