

# TPM121XIT-12/3203C3600 S00050 - Touch panel



2401300

<https://www.phoenixcontact.com/us/products/2401300>

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.



Maritime-Touch panel, 30.7 cm / 12.1"-TFT display (analog resistive (polyester)), 800 x 600 pixel(s) (SVGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 6.0, Movicon™, without bus system.

## Commercial data

Item number	2401300
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBBC
GTIN	4055626104072
Weight per piece (including packing)	1,161 g
Weight per piece (excluding packing)	1,161 g
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
Application	Maritime

#### Computer data

Processor	Xscale® PXA320, 806 MHz
Operating system	Windows® CE 6.0
RAM	128 MB SDRAM 1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Extras	Maritime with keys

#### Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	360 cd/m <sup>2</sup> typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	60.00 °
Reading angle bottom	80.00 °

### Interfaces

Interfaces	2x USB host 1.1
Optional interfaces	CF slot
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

### System properties

User software	Movicon™
---------------	----------

### Electrical properties

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

#### Supply

# TPM121XIT-12/3203C3600 S00050 - Touch panel



2401300

<https://www.phoenixcontact.com/us/products/2401300>

Power supply unit	24 V DC $\pm$ 20 %
Typical current consumption	0.7 A

## Real-time clock

Realtime clock	Yes
----------------	-----

## Mounting

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

## Material specifications

Material front plate	Aluminum (black 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 ... 55 °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)	0.7g, in accordance with EN 60068-2-6

## Dimensions

### External dimensions

Width / Height / Depth	340 mm / 285 mm / 5 mm (Dimensions of the front plate)
------------------------	--

### Installation dimensions

Width / Height / Installation depth	315 mm / 259 mm / 62 mm
-------------------------------------	-------------------------

2401300

<https://www.phoenixcontact.com/us/products/2401300>

## 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](mailto:info@phoenixcon.com)