

# TP121XIT-10/3053C240 S00092 - Touch panel



2401373

<https://www.phoenixcontact.com/us/products/2401373>

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.



Touch panel, 30.7 cm / 12.1"-TFT display (Resistive industrial touch screen), 800 x 600 pixel(s) (SVGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1x COM (RS-232), 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, CODESYS, CAN MASTER.

Similar figure

## Commercial data

Item number	2401373
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABZ
GTIN	4055626146317
Weight per piece (including packing)	2.5 g
Weight per piece (excluding packing)	2.5 g
Country of origin	Information on the country of origin is provided with the delivery.

## Technical data

### 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

### Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	Resistive industrial touch screen
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
	1x COM (RS-232)
Optional interfaces	CF slot
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	CAN MASTER

### System properties

User software	CODESYS
---------------	---------

### Electrical properties

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

### Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.7 A

### Real-time clock

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

### Mounting

# TP121XIT-10/3053C240 S00092 - Touch panel



2401373

<https://www.phoenixcontact.com/us/products/2401373>

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 % (non-condensing)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

## Dimensions

### External dimensions

Width / Height / Depth	340 mm / 270 mm / 5 mm (Dimensions of the front plate)
------------------------	--

### Installation dimensions

Width / Height / Installation depth	315 mm / 244 mm / 66 mm (Mounting cutout, depth with bus if bus system present in the device)
-------------------------------------	---

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)