

TP70XIT-10/3101C240 S00006 - Touch panel



2401150

<https://www.phoenixcontact.com/us/products/2401150>

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, 17.8 cm / 7"-TFT display (Resistive industrial touch screen), 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, without bus system.

Commercial data

Item number	2401150
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626104591
Weight per piece (including packing)	1,000 g
Weight per piece (excluding packing)	1,000 g
Country of origin	DE

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	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Resistive industrial touch screen
Display lighting type	LED
Brightness	350 cd/m ² , typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	65.00 °
Reading angle bottom	65.00 °

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	TSvisRT
---------------	---------

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

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

TP70XIT-10/3101C240 S00006 - Touch panel



2401150

<https://www.phoenixcontact.com/us/products/2401150>

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	203 mm / 147 mm / 5 mm (Dimensions of the front plate)
------------------------	--

Installation dimensions

Width / Height / Installation depth	195 mm / 139 mm / 54 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