

TP 3150S - Touch panel

2400458

<https://www.phoenixcontact.com/us/products/2400458>



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, 38.1 cm / 15"-TFT display (analog resistive (polyester)), 1024 x 768 pixel(s) (XGA), 65536 colors, Arm® Cortex®-A8, 800 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, Visu+ / AX OPC Server, without bus system.

Your advantages

- Acoustic warning from alarms via integrated buzzer (85 dB)
- Energy efficient due to LED backlighting
- Visu+ RT and AX OPC server integrated as standard in all devices
- Easy IP address allocation and active connection monitoring thanks to PROFINET-Device according to Conformance Class B
- Display available in sizes from 14.5 cm (5.7") to 39.05 cm (15.4")
- Versatile communication options, even with third-party systems, thanks to numerous drivers and interfaces
- Easy installation, low installation depth, and compact design
- Short startup time

Commercial data

Item number	2400458
Packing unit	1 pc
Sales key	DR17
Product key	DRCABC
GTIN	4055626055923
Weight per piece (including packing)	2,300 g
Weight per piece (excluding packing)	3,768 g
Customs tariff number	84714100
Country of origin	DE

TP 3150S - Touch panel

2400458

<https://www.phoenixcontact.com/us/products/2400458>



Technical data

Product properties

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

Computer data

Processor	Arm® Cortex®-A8, 800 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB RAM
Data storage system	Flash, 1 GB
Slots	1x SD

Display

Display type	38.1 cm / 15"-TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	480 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	65.00 °
Reading angle bottom	80.00 °

Interfaces

Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	Visu+
	AX OPC Server

System requirements

Runtime system	Visu+ Runtime
----------------	---------------

Electrical properties

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

Supply

Supply voltage	24 V DC
Supply voltage range	18 V DC ... 30 V DC
Power supply unit	24 V DC ±20 %
Typical current consumption	0.6 A

TP 3150S - Touch panel



2400458

<https://www.phoenixcontact.com/us/products/2400458>

Real-time clock

Realtime clock	Yes (battery-backed)
----------------	----------------------

Supply

Power consumption	typ. 14.4 W
-------------------	-------------

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
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	20 % ... 85 % (non-condensing)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	400 mm / 329 mm / 5 mm (Dimensions of the front plate)
------------------------	--

Installation dimensions

Width / Height / Installation depth	372 mm / 301 mm / 55 mm (Installation cutout)
-------------------------------------	---

TP 3150S - Touch panel

2400458

<https://www.phoenixcontact.com/us/products/2400458>



Classifications

ETIM

ETIM 8.0	EC001412
----------	----------

UNSPSC

UNSPSC 21.0	43211900
-------------	----------

TP 3150S - Touch panel

2400458

<https://www.phoenixcontact.com/us/products/2400458>



Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I

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.)	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)(CAS: 123-77-3)
	Lead(CAS: 7439-92-1)

Phoenix Contact 2025 © - 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