

TP 3120W/P - Touch panel



2403461

<https://www.phoenixcontact.com/us/products/2403461>

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, 30.7 cm / 12.1"-TFT display (projective-capacitive (PCAP)), 1280 x 800 pixel(s) (WXGA), 65536 colors, Arm® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, Visu+, without bus system.

Your advantages

- Mobile system access with the Visu+ mobile app
- Robust and sturdy, thanks to glass front suitable for industrial use
- Fast response and display refresh, thanks to powerful processor
- Flexible connection to third-party systems by means of various drivers
- Integrated Visu+ visualization software

Commercial data

Item number	2403461
Packing unit	1 pc
Sales key	DR17
Product key	DRCADC
GTIN	4055626363547
Weight per piece (including packing)	3,496 g
Weight per piece (excluding packing)	3,293 g
Customs tariff number	84714100
Country of origin	DE

TP 3120W/P - Touch panel



2403461

<https://www.phoenixcontact.com/us/products/2403461>

Technical data

Product properties

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

Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB LPDDR RAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	320 cd/m ² typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	88.00 °
Reading angle right	88.00 °
Reading angle top	88.00 °
Reading angle bottom	88.00 °

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+
---------------	-------

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	0.9 A

Real-time clock

TP 3120W/P - Touch panel



2403461

<https://www.phoenixcontact.com/us/products/2403461>

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

Supply

Power consumption	typ. 21.6 W
-------------------	-------------

Mounting

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

Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
	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	336 mm / 234 mm / 6 mm (Dimensions of the front plate)
------------------------	--

Installation dimensions

Width / Height / Installation depth	326 mm / 224 mm / 53 mm (Installation cutout)
-------------------------------------	---

TP 3120W/P - Touch panel

2403461

<https://www.phoenixcontact.com/us/products/2403461>



Classifications

UNSPSC

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

TP 3120W/P - Touch panel



2403461

<https://www.phoenixcontact.com/us/products/2403461>

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.)	Lead(CAS: 7439-92-1)
-------------------------------------	----------------------

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