

# TP 3105S - Touch panel



2400455

<https://www.phoenixcontact.com/us/products/2400455>

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, 26.4 cm / 10.4"-TFT display (analog resistive (polyester)), 800 x 600 pixel(s) (SVGA), 262144 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	2400455
Packing unit	1 pc
Sales key	DR17
Product key	DRCABC
GTIN	4055626055954
Weight per piece (including packing)	2,349 g
Weight per piece (excluding packing)	1,800 g
Customs tariff number	84714100
Country of origin	DE

# TP 3105S - Touch panel



2400455

<https://www.phoenixcontact.com/us/products/2400455>

## 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	26.4 cm / 10.4"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	340 cd/m <sup>2</sup> typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	55.00 °
Reading angle right	55.00 °
Reading angle top	70.00 °
Reading angle bottom	70.00 °

### 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	0.5 A

# TP 3105S - Touch panel



2400455

<https://www.phoenixcontact.com/us/products/2400455>

## Real-time clock

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

## Supply

Power consumption	typ. 12 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	295 mm / 220 mm / 5 mm (Dimensions of the front plate)
------------------------	--

### Installation dimensions

Width / Height / Installation depth	287 mm / 212 mm / 54 mm (Installation cutout)
-------------------------------------	---

# TP 3105S - Touch panel

2400455

<https://www.phoenixcontact.com/us/products/2400455>



## Classifications

### UNSPSC

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

# TP 3105S - Touch panel



2400455

<https://www.phoenixcontact.com/us/products/2400455>

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