

# TPE070ACW/107060020 S00125 - Touch panel



2401564

<https://www.phoenixcontact.com/us/products/2401564>

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.



Rugged-Touch panel, 17.8 cm / 7"-TFT display (Projective-capacitive, single-touch control), 800 x 480 pixel(s) (WVGA), 16.7 million colors, Arm9™, 184 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, TSvisRT, without bus system.

Similar figure

## Commercial data

Item number	2401564
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCADZ
GTIN	4055626309385
Weight per piece (including packing)	1,000 g
Weight per piece (excluding packing)	1,000 g
Country of origin	DE

2401564

<https://www.phoenixcontact.com/us/products/2401564>

## Technical data

### Product properties

Product type	Operator panel
Application	Rugged

### Computer data

Processor	Arm9™, 184 MHz
Operating system	Windows® CE 5.0
RAM	128 MB SDRAM 512 KB NV
Data storage system	NOR-Flash, 64 MB
Extras	Integrated acoustic signal (buzzer)

### Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Projective-capacitive, single-touch control
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	60.00 °
Reading angle bottom	60.00 °

### Interfaces

Interfaces	2x USB Host 2.0
Optional interfaces	none
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	0.5 A

### Real-time clock

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

2401564

<https://www.phoenixcontact.com/us/products/2401564>

## Mounting

Mounting type	Bolt fixing
---------------	-------------

## Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67 (front), IP20 (back) NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Altitude	4000 m
Permissible humidity (operation)	20 % ... 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

## Dimensions

### External dimensions

Width / Height / Depth	234 mm / 174 mm / 6 mm (Dimensions of the front plate)
------------------------	--

### Installation dimensions

Width / Height / Installation depth	200 mm / 140 mm / 54 mm (Mounting cutout, depth with bus if bus system present in the device)
-------------------------------------	---

# TPE070ACW/107060020 S00125 - Touch panel



2401564

<https://www.phoenixcontact.com/us/products/2401564>

## Classifications

### UNSPSC

UNSPSC 21.0	43211904
-------------	----------

2401564

<https://www.phoenixcontact.com/us/products/2401564>

## 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)