

TPE070ACW/107060020 S00043 - Touch panel



2401223

<https://www.phoenixcontact.com/us/products/2401223>

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), 65536 colors, Arm9™, 184 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 6.0, Open platform, without bus system.

Commercial data

Item number	2401223
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCADA
GTIN	4055626095905
Weight per piece (including packing)	1,100 g
Weight per piece (excluding packing)	1,100 g
Country of origin	DE

Technical data

Product properties

Product type	Operator panel
Application	Rugged

Computer data

Processor	Arm9™, 184 MHz
Operating system	Windows® CE 6.0
RAM	128 MB SDRAM
	512 KB NV
Data storage system	NOR-Flash, 64 MB

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	40000 h
Color spectrum	65536 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 2.0
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	Open platform
---------------	---------------

Electrical properties

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

Supply

Typical current consumption	0.5 A
-----------------------------	-------

Real-time clock

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

Supply

Power supply unit	24 V DC ±20 %
-------------------	---------------

TPE070ACW/107060020 S00043 - Touch panel



2401223

<https://www.phoenixcontact.com/us/products/2401223>

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)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
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 / 42 mm
-------------------------------------	-------------------------

TPE070ACW/107060020 S00043 - Touch panel



2401223

<https://www.phoenixcontact.com/us/products/2401223>

Classifications

UNSPSC

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

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: n/a)
-------------------------------------	----------------