

TP43AT/742070 S00093 - Touch panel



2401427

<https://www.phoenixcontact.com/us/products/2401427>

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, 10.92 cm / 4.3"-TFT display (analog resistive (polyester)), 480 x 272 pixel(s) (WQVGA), 65536 colors, Arm9™, 200 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, CODESYS, CAN.

Similar figure

Commercial data

Item number	2401427
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABZ
GTIN	4055626148144
Country of origin	Information on the country of origin is provided with the delivery.

Technical data

Product properties

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

Computer data

Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
RAM	512 KB SRAM
Data storage system	NOR-Flash, 32 MB
Optional keys	without

Display

Display type	10.92 cm / 4.3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	385 cd/m ² typical (adjustable)
MTBF	40000 h
Color spectrum	65536 colors
Reading angle left	75.00 °
Reading angle right	75.00 °
Reading angle top	63.00 °
Reading angle bottom	75.00 °

Interfaces

Interfaces	2x USB Host 2.0
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	CAN

System properties

User software	CODESYS
---------------	---------

Electrical properties

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

Supply

Typical current consumption	0.3 A
-----------------------------	-------

Real-time clock

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

Supply

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

TP43AT/742070 S00093 - Touch panel



2401427

<https://www.phoenixcontact.com/us/products/2401427>

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 %

Dimensions

External dimensions

Width / Height / Depth	140 mm / 100 mm / 5 mm (Dimensions of the front plate)
------------------------	--

Installation dimensions

Width / Height / Installation depth	132 mm / 92 mm / 54 mm (Mounting cutout, depth with bus if bus system present in the device)
-------------------------------------	--

TP43AT/742070 S00093 - Touch panel



2401427

<https://www.phoenixcontact.com/us/products/2401427>

Classifications

UNSPSC

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

2401427

<https://www.phoenixcontact.com/us/products/2401427>

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