

# TP43AT/702000 S00007 - Touch panel



2401059

<https://www.phoenixcontact.com/us/products/2401059>

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, Open platform, without bus system.

## Commercial data

Item number	2401059
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABA
GTIN	4055626096681
Weight per piece (including packing)	590 g
Weight per piece (excluding packing)	590 g
Country of origin	DE

# TP43AT/702000 S00007 - Touch panel

2401059

<https://www.phoenixcontact.com/us/products/2401059>



## Technical data

### Notes

#### Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
----------	---

### Product properties

Product type	Operator panel
Computer data	
Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
RAM	64 MB SDRAM
	512 KB SRAM
Data storage system	NOR-Flash, 32 MB
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/m² 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	without bus system

### System properties

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

### Electrical properties

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

Supply	
--------	--

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

# TP43AT/702000 S00007 - Touch panel

2401059

<https://www.phoenixcontact.com/us/products/2401059>



## Real-time clock

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

## Supply

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

## 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
Altitude	3000 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	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 system present in the device)
-------------------------------------	---

## Environmental product compliance

### 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.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - 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)