

# Touch panel - TP 3057V/WT - 2403464

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Rugged touch panel with 14.5 cm / 5.7" TFT display (analog-resistive (GFG)), 640 x 480 pixels (VGA), degree of protection: IP67 (front), extended temperature range, ARM® Cortex®-A8, 1000 MHz, Windows® Embedded Compact 7 and Visu+ application software.

Similar figure

## Why buy this product

- Display can be read in sunlight
- Can be operated when wearing work gloves
- Resistant to UV and IR radiation
- Resistant to environmental influences, such as salt spray, termites, and chemicals
- Weatherproof thanks to IP67 protection

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 382319
GTIN	4055626382319

## Technical data

### Note

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

### Dimensions

External dimension, width	195 mm
External dimension, height	153 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	161 mm
Installation dimension, height	119 mm
Installation dimension, depth	42 mm
Note regarding installation dimension	Mounting cutout, depth with bus if bus system present in the device

# Touch panel - TP 3057V/WT - 2403464

## Technical data

### Display

Display	14.5 cm/5.7" TFT active
Screen resolution	640 x 480 Pixel(s) (VGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch technology	Analog resistive (GFG)
Colors	262144 colors

### Computer data

Processor	ARM® Cortex®-A8, 1000 MHz
Operating systems	Windows® Embedded Compact 7
User software	Visu+
RAM	512 MB LPDDR SDRAM
	1 MB SRAM
Mass storage	NAND-Flash, 1 GB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

### General

Extras	Integrated acoustic signal (buzzer)
Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Bolt fixing
Weight	800 g

### 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
Permissible humidity (operation)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

### Device supply

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

### Standards and Regulations

Shock	15g, according to IEC 60068-2-27
-------	----------------------------------

# Touch panel - TP 3057V/WT - 2403464

## Technical data

### Standards and Regulations

Vibration (operation)	1g, according to EN 60068-2-6
-----------------------	-------------------------------

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

UL Listed / cUL Listed / cULus Listed

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 205795
-----------	--	---	---------------

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 205795
------------	--	---	---------------

cULus Listed			
--------------	--	--	--

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
 Flachsmarktstr. 8  
 32825 Blomberg  
 Germany  
 Tel. +49 5235 300  
 Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>