

TP 3057V/WT - Touch panel

2403464

<https://www.phoenixcontact.com/us/products/2403464>

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Similar figure

Rugged-Touch panel, 14.5 cm / 5.7"-TFT display (Analog resistive (GFG)), 640 x 480 pixel(s) (VGA), 262144 colors, Arm® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, Visu+, without bus system.

Your advantages

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

Commercial data

Item number	2403464
Packing unit	1 pc
Sales key	DR17
Product key	DRCACC
GTIN	4055626382319
Weight per piece (including packing)	887.3 g
Weight per piece (excluding packing)	887.3 g
Customs tariff number	84714100
Country of origin	DE

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Technical data

Product properties

Product type	Operator panel
Application	Rugged

Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB LPDDR SDRAM 1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

Display

Display type	14.5 cm / 5.7"-TFT
Readability in sunlight	yes
Screen resolution	640 x 480 Pixel(s) (VGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	400 cd/m ² , typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	65.00 °
Reading angle right	65.00 °
Reading angle top	55.00 °
Reading angle bottom	52.00 °

Interfaces

Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	Visu+
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System requirements

Runtime system	Visu+ Runtime
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Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
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Typical current consumption	0.3 A
Real-time clock	
Realtime clock	Yes

Mounting

Mounting type	Bolt fixing
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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	195 mm / 153 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	161 mm / 119 mm / 42 mm (Mounting cutout, depth with bus if bus system present in the device)
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Classifications

UNSPSC

UNSPSC 21.0	43211900
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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)
SCIP	65d3a31d-57e1-4aac-9d58-fdc2fe672cea

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