

TP 3057V/WT-65 - Touch panel

1044278

<https://www.phoenixcontact.com/pc/products/1044278>



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Rugged touch panel with 14.5 cm / 5.7" TFT display (analog-resistive (GFG)), 640 x 480 pixels (VGA), degree of protection: IP65 (front), extended temperature range, ARM® Cortex®-A8, 1000 MHz, Windows® Embedded Compact 7, and Visu+ application software.

Your advantages

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

Commercial data

Item number	1044278
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACC
Catalog page	Page 489 (C-6-2019)
GTIN	4055626622415
Weight per piece (including packing)	800 g
Weight per piece (excluding packing)	800 g
Customs tariff number	84714100
Country of origin	DE

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Technical data

Product properties

Product type	Operator panel
Application	Rugged

Data management status

Article revision	03
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Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB LPDDR RAM
	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 (polyester)
Display lighting type	LED
Brightness	400 cd/m², 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

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 $\pm 20\%$
Typical current consumption	0.3 A

Real-time clock

Realtime clock	Yes
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Mounting

Mounting type	Front mounting
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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	IP65 (front), IP20 (back) NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Altitude	3000 mm
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	168 mm / 132 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	160 mm / 118 mm / 42 mm (Mounting cutout, depth with bus if bus system present in the device)
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Classifications

ECLASS

ECLASS-11.0	27330201
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ETIM

ETIM 8.0	EC001412
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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.)	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)(CAS: 123-77-3)
	Lead(CAS: 7439-92-1)
SCIP	7030ce1d-7b30-4cd7-b57a-4a2c2c225c2c

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Accessories

TOUCH PEN - Touch pen

2701379

<https://www.phoenixcontact.com/pc/products/2701379>



Touch pen for analog-resistive HMI's, silver coated. Delivery includes self-adhesive pen holder.

HMI BATTERY - Battery/accumulator

2701383

<https://www.phoenixcontact.com/pc/products/2701383>

Lithium battery



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USB FLASH DRIVE - USB memory stick

2402809

<https://www.phoenixcontact.com/pc/products/2402809>

USB memory stick, 8 GB



SD FLASH 2GB - Program/configuration memory

2988162

<https://www.phoenixcontact.com/pc/products/2988162>

Program and configuration memory, for extending the internal flash memory, pluggable, 2 GB.



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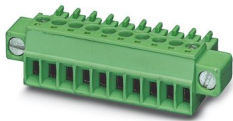
<https://www.phoenixcontact.com/pc/products/1044278>



MC 1,5/ 3-STF-3,5 BD:1-3 - PCB connector

1751312

<https://www.phoenixcontact.com/pc/products/1751312>



PCB connector, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MC 1,5/...-STF, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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