

TP 3150S/WT-65 - Touch panel

1029309

<https://www.phoenixcontact.com/pc/products/1029309>



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Rugged touch panel with 38.1 cm / 15" TFT display (analog-resistive (GFG)), 1024 x 768 pixels (XGA), 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	1029309
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACC
Catalog page	Page 489 (C-6-2019)
GTIN	4055626530734
Weight per piece (including packing)	3,350 g
Weight per piece (excluding packing)	3,350 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 SDRAM
	1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

Display

Display type	38.1 cm / 15"-TFT
Readability in sunlight	yes
Screen resolution	1024 x 768 Pixel(s) (XGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	480 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	65.00 °
Reading angle bottom	80.00 °

Interfaces

Interfaces	2x USB 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	0.7 A

Real-time clock

Realtime clock	Yes
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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	IP65 (front), IP20 (back)
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Altitude	3000 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	406 mm / 329 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	379 mm / 302 mm / 64 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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UNSPSC

UNSPSC 21.0	43211904
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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)

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)

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PHOENIX CONTACT GmbH & Co. KG

Flachmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

info@phoenixcontact.com