

# TP 5150C - Touch panel

2701720

<https://www.phoenixcontact.com/us/products/2701720>

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Touch panel, 38.1 cm / 15"-TFT display (Resistive industrial touch screen), 1024 x 768 pixel(s) (XGA), 65536 colors, Intel® Celeron® M ULV 423 1.01 GHz, COM 1 (RS-232), 1x VGA, 4x USB, 2x CompactFlash®, 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® CE 6.0, Visu+ / AX OPC Server, without bus system.

## Your advantages

- Visu+ RT and AX OPC server integrated as standard in all devices

## Commercial data

Item number	2701720
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRCABC
GTIN	4046356803809
Weight per piece (including packing)	7.91 kg
Weight per piece (excluding packing)	7.91 kg
Customs tariff number	84714100
Country of origin	TW

## Technical data

### Notes

#### Utilization restriction

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

Product type	Operator panel
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#### Computer data

Processor	Intel® Celeron® M ULV 423 1.01 GHz
Operating system	Windows® CE 6.0
RAM	1 GB DDR
Data storage system	CompactFlash®, 2 GB

#### Display

Display type	38.1 cm / 15"-TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Touch technology	Resistive industrial touch screen
Display lighting type	CCFL
Brightness	350 cd/m <sup>2</sup> , typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors

### Interfaces

Interfaces	COM 1 (RS-232), 1x VGA, 4x USB, 2x CompactFlash®
Monitor output	1x VGA
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

### System properties

User software	Visu+ AX OPC Server
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### Electrical properties

Service life of battery	5 years (typical)
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#### Supply

Supply voltage	24 V DC (typical)
Supply voltage range	19.2 V DC ... 28.8 V DC

#### Real-time clock

Realtime clock	Yes (battery-backed)
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#### Supply

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Power supply unit	24 V DC $\pm$ 20 %
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## Mounting

Mounting type	Installation in front plate
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	-20 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

## Dimensions

### External dimensions

Width / Height / Depth	410 mm / 309 mm / 10 mm (Dimensions of the front plate)
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### Installation dimensions

Width / Height / Installation depth	386.6 mm / 285 mm / (Installation cutout)
Installation depth	96 mm,

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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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