

# TP65XIT-10/3101C240 S00094 - Touch panel



2401141

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Touch panel, 16.5 cm / 6.5"-TFT display (Resistive industrial touch screen), 640 x 480 pixel(s) (VGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, CODESYS, without bus system.

## Commercial data

Item number	2401141
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABZ
GTIN	4055626104683
Weight per piece (including packing)	1,300 g
Weight per piece (excluding packing)	1,300 g
Country of origin	DE

## Technical data

### Product properties

Product type	Operator panel
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### Computer data

Processor	Xscale® PXA320, 806 MHz
Operating system	Windows® CE 5.0
RAM	128 MB SDRAM
	1 MB SRAM
Data storage system	Flash, 1 GB

### Display

Display type	16.5 cm / 6.5"-TFT
Screen resolution	640 x 480 Pixel(s) (VGA)
Touch technology	Resistive industrial touch screen
Display lighting type	LED
Brightness	440 cd/m <sup>2</sup> typical (adjustable)
MTBF	70000 h
Color spectrum	262144 colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	60.00 °
Reading angle bottom	60.00 °

### Interfaces

Interfaces	2x USB host 1.1
Optional interfaces	CF slot
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

### System properties

User software	CODESYS
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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 %
Typical current consumption	1 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)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Altitude	3000 m
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

## Dimensions

### External dimensions

Width / Height / Depth	210 mm / 158 mm / 5 mm (Dimensions of the front plate)
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### Installation dimensions

Width / Height / Installation depth	202 mm / 150 mm / 60 mm (Mounting cutout, depth with bus if bus system present in the device)
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## Environmental product compliance

### 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.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)