

# TP121STS/100130003 S00127 - Touch panel



2401622

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Touch panel with 30.7 cm/12.1" TFT display (analog resistive (polyester)), 800 x 600 pixel(s) (SVGA), 262144 colors, Arm<sup>®</sup> Cortex<sup>®</sup>-A8, 800 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows<sup>®</sup> Embedded Compact 7 and user software: IniNet Browser. (bus system: without)

## Commercial data

Item number	2401622
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABD
GTIN	4055626297835
Weight per piece (including packing)	2,200 g
Weight per piece (excluding packing)	2,200 g
Customs tariff number	84714100
Country of origin	DE

## Technical data

### Product properties

Product type	Operator panel
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### Computer data

Processor	Arm® Cortex®-A8, 800 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB LPDDR SDRAM
Data storage system	NAND-Flash, 256 MB
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

### Display

Display type	30.7 cm/12.1" TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	320 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	60.00 °
Reading angle bottom	80.00 °

### Interfaces

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

### System properties

User software	IniNet Browser
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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	0.7 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 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

## Dimensions

### External dimensions

Width / Height / Depth	340 mm / 270 mm / 5 mm (Dimensions of the front plate)
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### Installation dimensions

Width / Height / Installation depth	313 mm / 243 mm / 55 mm (Mounting cutout, depth with bus if bus system present in the device)
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PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 (0) 5235-3 00  
[info@phoenixcontact.com](mailto:info@phoenixcontact.com)