

# TP043STB/100110001 S00068 - Touch panel



2400679

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Touch panel, 10.92 cm / 4.3"-TFT display (analog resistive (polyester)), 480 x 272 pixel(s) (WQVGA), 262144 colors, Arm® Cortex®-A8, 800 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, Movicon™, without bus system.

Similar figure

## Commercial data

Item number	2400679
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR17
Product key	DRCABC
GTIN	4055626110172
Weight per piece (including packing)	618.9 g
Weight per piece (excluding packing)	600 g
Customs tariff number	84714100
Country of origin	DE

## 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	Arm® Cortex®-A8, 800 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	10.92 cm / 4.3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	385 cd/m <sup>2</sup> typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	75.00 °
Reading angle right	75.00 °
Reading angle top	63.00 °
Reading angle bottom	75.00 °

### Interfaces

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

### System properties

User software	Movicon™
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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 %
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Typical current consumption	0.2 A
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#### 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	140 mm / 100 mm / 5 mm (Dimensions of the front plate)
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#### Installation dimensions

Width / Height / Installation depth	132 mm / 92 mm / 42 mm (Mounting cutout, depth with bus if bus system present in the device)
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## Classifications

### 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), 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.)	Lead(CAS: 7439-92-1)
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