TP057BTV/A00390009 S00131 - Touch panel

2401662

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Touch panel, 14.5 cm / 5.7"-TFT display (analog resistive (polyester)), 640 x 480 pixel(s) (VGA), 262144 colors, Intel® Atom™ E3815 1.46 GHz, 4x USB Host 2.0, 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Compact 7, Open platform, without bus system.

Commercial data

Item number	2401662
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABA
GTIN	4055626373027
Weight per piece (including packing)	800 g
Weight per piece (excluding packing)	800 g
Country of origin	DE

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Technical data

Notes

Utilization restriction	
EMC note	EMC: class A product, see manufacturer's declaration in the download area

Product properties

Product type	Operator panel

Computer data	
Processor	Intel® Atom™ E3815 1.46 GHz
Operating system	Windows® Embedded Compact 7
RAM	2 GB DDR3
Data storage system	Flash, 4 GB (integrated)
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

Display	
Display type	14.5 cm / 5.7"-TFT
Screen resolution	640 x 480 Pixel(s) (VGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	65.00 °
Reading angle right	65.00 °
Reading angle top	55.00 °
Reading angle bottom	52.00 °

Interfaces

Interfaces	4x USB Host 2.0
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

System properties

User software	Open platform

Electrical properties

Service life of battery	5 years (typical)

Supply	
Power supply unit	24 V DC ±20 %
Max. current consumption	0.5 A

Real-time clock	
Realtime clock	Yes

Mounting

Mounting type	Front mounting

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 ... 80 °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	168 mm / 126 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	160 mm / 118 mm / 54 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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