TP43AT/703000 S00001 - Touch panel

2401066

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Touch panel, 10.92 cm / 4.3"-TFT display (analog resistive (polyester)), 480 x 272 pixel(s) (WQVGA), 65536 colors, Arm9™, 200 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, TSvisRT, without bus system.

Commercial data

Item number	2401066
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626096629
Weight per piece (including packing)	590 g
Weight per piece (excluding packing)	590 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	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
RAM	128 MB SDRAM
	512 KB SRAM
Data storage system	NOR-Flash, 64 MB

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/m² typical (adjustable)
MTBF	40000 h
Color spectrum	65536 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
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	TSvisRT

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC +/- 20 %
Typical current consumption	0.3 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 ... 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)

Installation dimensions

Width / Height / Installation depth	132 mm / 92 mm / 54 mm (Mounting cutout, depth with bus if bus system present in the device)

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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