

TP35AT/782000 S00001 - Touch panel



2401056

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Touch panel, 8.9 cm / 3.5"-TFT display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 65536 colors, Arm9™, 200 MHz, 2x USB Host 2.0, 1x COM (RS-232/485), 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, TSvisRT, without bus system.

Commercial data

Item number	2401056
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626096711
Weight per piece (including packing)	430 g
Weight per piece (excluding packing)	430 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
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Product properties

Product type	Operator panel
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Computer data

Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
RAM	64 MB SDRAM 512 KB SRAM
Data storage system	NOR-Flash, 32 MB

Display

Display type	8.9 cm / 3.5"-TFT
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	65536 colors
Reading angle left	75.00 °
Reading angle right	75.00 °
Reading angle top	55.00 °
Reading angle bottom	75.00 °

Interfaces

Interfaces	2x USB Host 2.0 1x COM (RS-232/485)
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	TSvisRT
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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	0.3 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	120 mm / 90 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	112 mm / 82 mm / 47 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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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