

TP57AT/783000 S00005 - Touch panel

2401424

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Touch panel, 14.5 cm / 5.7"-TFT display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 65536 colors, Arm9™, 200 MHz, 1x COM (RS-232/485), 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0 Professional, TSvisRT, without bus system.

Commercial data

Item number	2401424
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626148168

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Technical data

Product properties

Product type	Operator panel
Computer data	
Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0 Professional
RAM	512 KB SRAM
Data storage system	NOR-Flash, 32 MB

Display

Display type	14.5 cm / 5.7"-TFT
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	65536 colors
Reading angle left	75.00 °
Reading angle right	75.00 °
Reading angle top	60.00 °
Reading angle bottom	75.00 °

Interfaces

Interfaces	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

Typical current consumption	0.6 A
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Real-time clock

Realtime clock	Yes
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Supply

Power supply unit	24 V DC ±20 %
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Mounting

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