TP11AM/722000 S00001 - Touch panel

2400864

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Touch panel; 9.7 cm / 3,8"-FSTN display (analog resistive (polyester)); 320 x 240 pixel(s) (QVGA); 5 grayscales; Processor: Arm9™, 200 MHz; Interfaces: 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45; Operating system: Windows® CE 5.0; Software: TSvisRT; PROFIBUS DP

Commercial data

Item number	2400864
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626097268
Weight per piece (including packing)	680 g
Weight per piece (excluding packing)	680 g
Country of origin	DE

Technical data

Product properties

Product type	Operator panel

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	9.7 cm / 3,8"-FSTN
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	90 cd/m²
MTBF	30000 h
Color spectrum	5 grayscales
Reading angle left	40.00 °
Reading angle right	40.00 °
Reading angle top	40.00 °
Reading angle bottom	40.00 °

Interfaces

Interfaces	2x USB Host 2.0
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	PROFIBUS DP

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	0.25 A

Real-time clock

Real-time 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	130 mm / 96 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	122 mm / 88 mm / 45 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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