

TPM21AT/702000 S00001 - Touch panel



2401376

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Maritime-Touch panel, 14.5 cm / 5.7"-TFT display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 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	2401376
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBBB
GTIN	4055626146331
Country of origin	Information on the country of origin is provided with the delivery.

Technical data

Product properties

Product type	Operator panel
Application	Maritime

Computer data

Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
RAM	512 KB SRAM
Data storage system	NOR-Flash, 32 MB
Optional keys	without
Extras	Maritime without keys

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	CCFL
Brightness	400 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	65.00 °
Reading angle right	65.00 °
Reading angle top	65.00 °
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	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	0.35 A
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Real-time clock

Realtime clock	Yes
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Supply

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Power supply unit	24 V DC \pm 20 %
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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 ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	20 % ... 85 %

Dimensions

External dimensions

Width / Height / Depth	203 mm / 165 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	139 mm / 195 mm / 54 mm
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