

# 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/m <sup>2</sup> , 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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