

TPM70XIT-12/3213C3600 S00050 - Touch panel



2401325

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Maritime-Touch panel, 17.8 cm / 7"-TFT display (analog resistive (polyester)), 800 x 480 pixel(s) (WVGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 6.0, Movicon™, PROFIBUS DP.

Commercial data

Item number	2401325
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBBC
GTIN	4055626103990
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
Application	Maritime

Computer data

Processor	Xscale® PXA320, 806 MHz
Operating system	Windows® CE 6.0
RAM	128 MB SDRAM
	1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Extras	Maritime with keys

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	65.00 °
Reading angle bottom	65.00 °

Interfaces

Interfaces	2x USB host 1.1
Optional interfaces	CF slot
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	PROFIBUS DP

System properties

User software	Movicon™
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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 %
Typical current consumption	0.7 A

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 (black 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
Altitude	3000 m
Permissible humidity (operation)	20 % ... 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	0.7g, in accordance with EN 60068-2-6

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	157 mm / 195 mm / 49 mm
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