TPM070ZGW-12/800630924 S00063 - Touch panel

2401286

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Maritime-Touch panel; 17.8 cm / 7"-TFT display (Analog resistive (GFG)); 800 x 480 pixel(s) (WVGA); 262144 colors; Processor: Intel® Atom™ E680T 1.6 GHz; Interfaces: 4x USB Host 2.0, 1x COM (RS-232), 1x COM (RS-232/485), 2x Ethernet (10/100/1000 Mbps), RJ45; Operating system: Windows® CE 6.0; Software: Open platform; DualCAN

Commercial data

Item number	2401286
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBCA
GTIN	4055626107646
Weight per piece (including packing)	900 g
Weight per piece (excluding packing)	900 g
Country of origin	DE

Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area

Product properties

Product type	Operator panel
Application	Maritime

Computer data

Processor	Intel® Atom™ E680T 1.6 GHz
Operating system	Windows® CE 6.0
RAM	2 GB DDR2 SDRAM
Data storage system	SATA DOM SSD (SLC), 8 GB
Slots	1x SD
Extras	Maritime with keys

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Analog resistive (GFG)
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	4x USB Host 2.0
	1x COM (RS-232)
	1x COM (RS-232/485)
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Bus system	DualCAN

System properties

User software	Open platform

Electrical properties

Service life of battery	5 years (typical)

Supply

Typical current consumption	0.7 A

Real-time clock

Real-time clock	Yes

Supply

Power supply unit	24 V DC ±20 %

Mounting

Mounting type	Bolt fixing

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	234 mm / 189 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	200 mm / 155 mm / 95 mm

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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com