TPE070BKW/A01090029 S00131 - Touch panel

2401660

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Similar figure

Rugged-Touch panel; 17.8 cm / 7"-TFT display (Projective-capacitive, single-touch control); 800 x 480 pixel(s) (WVGA); 16.7 million colors; Processor: Intel® Atom™ E3815 1.46 GHz; Interfaces: 4x USB Host 2.0, 1x COM (RS-232), 1x COM (RS-232/485), 1 x Ethernet (10/100/1000 Mbps), RJ45; Operating system: Windows® Embedded Compact 7; Software: Open platform; without bus system

Commercial data

Item number	2401660
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCADA
GTIN	4055626378978
Weight per piece (including packing)	1.1 kg
Weight per piece (excluding packing)	1.1 kg
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	Rugged

Computer data

Processor	Intel® Atom™ E3815 1.46 GHz
Operating system	Windows® Embedded Compact 7
RAM	2 GB DDR3
Data storage system	Flash, 4 GB (integrated)
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Projective-capacitive, single-touch control
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	50000 s
Color spectrum	16.7 million colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	60.00 °
Reading angle bottom	60.00 °

Interfaces

Interfaces	4x USB Host 2.0
	1x COM (RS-232)
	1x COM (RS-232/485)
Network	1 x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

System properties

User software	Open platform

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %
Max. current consumption	0.5 A

Real-time clock

Real-time clock	Yes

Mounting

Mounting type	Bolt fixing

Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Altitude	4000 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	234 mm / 174 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	200 mm / 140 mm / 105 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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