TP057STV/100130003 S00069 - Touch panel

2400686

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Touch panel; 14.5 cm / 5.7"-TFT display (analog resistive (polyester)); 640 x 480 pixel(s) (VGA); 262144 colors; Processor: Arm® Cortex®-A8, 800 MHz; Interfaces: 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45; Operating system: Windows® Embedded Compact 7; Software: Open platform; without bus system

Commercial data

Item number	2400686
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABA
GTIN	4055626110134
Weight per piece (including packing)	700 g
Weight per piece (excluding packing)	700 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

Computer data

Processor	Arm® Cortex®-A8, 800 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB LPDDR SDRAM
Data storage system	NAND-Flash, 256 MB
Slots	1x SD

Display

Display type	14.5 cm / 5.7"-TFT
Screen resolution	640 x 480 Pixel(s) (VGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	65.00 °
Reading angle right	65.00 °
Reading angle top	55.00 °
Reading angle bottom	52.00 °

Interfaces

Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 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 %
Typical current consumption	0.3 A

Real-time clock

Real-time clock	Yes

Mounting

Mounting type	Front mounting

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 ... 50 °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)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	168 mm / 126 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	160 mm / 118 mm / 42 mm (Mounting cutout, depth with bus if bus system present in the device)

Classifications

UNSPSC

UNSPSC 21.0	43211904

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I

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.)	Lead(CAS: 7439-92-1)

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