TP121STM/100110001 S00068 - Touch panel

2400887

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Touch panel; 30.7 cm / 12.1"-TFT display (analog resistive (polyester)); 1280 x 800 pixel(s) (WXGA); 65536 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: Movicon™; without bus system

Commercial data

Item number	2400887
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABC
GTIN	4055626109923
Weight per piece (including packing)	1,700 g
Weight per piece (excluding packing)	1,700 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
	1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	320 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	88.00 °
Reading angle right	88.00 °
Reading angle top	88.00 °
Reading angle bottom	88.00 °

Interfaces

Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	Movicon™

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.7 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	330 mm / 225 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	322 mm / 217 mm / 48 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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