

## Touch panel - TP121STM/100130003 S00127 - 2401552

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Touch panel with 30.7 cm/12.1" TFT-Display (Analog resistive (polyester)), 1280 x 800 Pixel (WXGA), 65536 colors, ARM® Cortex®-A8, 800 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and User software: IniNet Browser. (Bus system: without)

### Key Commercial Data

Packing unit	1 STK
Custom tariff number	84714100
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

External dimension, width	330 mm
External dimension, height	225 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	322 mm
Installation dimension, height	217 mm
Installation dimension, depth	48 mm
Note regarding installation dimension	Mounting cutout, depth with bus if bus system present in the device

#### Display

Display	30.7 cm/12.1" TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Backlighting	LED
Display backlight MTBF	50000 h
Touch technology	Analog resistive (polyester)
Colors	65536 colors

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## Technical data

### Computer data

Processor	ARM® Cortex®-A8, 800 MHz
Operating systems	Windows® Embedded Compact 7
User software	IniNet Browser
RAM	512 MB LPDDR SDRAM
Mass storage	256 MB NAND-Flash
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 2.0
Bus system	without
Optional interfaces	SD slot
Realtime clock	Yes
Service life of battery	5 years (typical)

### General

Mounting type	Front installation
Weight	1700 g

### 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
Permissible humidity (operation)	20 % ... 85 %
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

### Device supply

Power supply unit	24 V DC ±20 %
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### Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

## Classifications

### eCl@ss

eCl@ss 4.0	27330203
eCl@ss 4.1	27330203
eCl@ss 5.0	27330202
eCl@ss 5.1	27242302

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## Classifications

### eCl@ss

eCl@ss 6.0	27242302
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

### ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001412
ETIM 5.0	EC001412

### UNSPSC

UNSPSC 12.01	43211903
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## Approvals

### Approvals

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#### Approvals

UL Listed / cUL Listed / cULus Listed

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#### Ex Approvals

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### Approval details

UL Listed <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 205795

cUL Listed <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 205795

cULus Listed

## Accessories

### Accessories

Battery module

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### Accessories

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery



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### Mounting material

Mounting material - HMI SCB MOUNTING KIT 4 - 2701384



HMI mounting kit for installation on a front plate. The mounting kit includes 4 x mounting brackets, 4 x screw threads, and a hexagonal wrench.

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Mounting material - HMI SCB MOUNTING KIT 6 - 2701385



HMI mounting kit for installation on a front plate. The mounting kit includes 6 x mounting brackets, 6 x screw threads, and a hexagonal wrench.

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Mounting material - HMI SCB MOUNTING KIT 8 - 2701387



HMI mounting kit for installation on a front plate. The mounting kit includes 8 x mounting brackets, 8 x screw threads, and a hexagonal wrench.

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Mounting material - HMI WALL MOUNTING KIT - 2701380



HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.

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### Accessories

#### Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for HMIs, silver coated. Delivery includes self-adhesive pen holder.

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### Parameterization memory

Program / configuration memory - SD FLASH 2GB - 2988162



Program and configuration memory

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### PCB plug

Printed-circuit board connector - MC 1,5/ 3-STF-3,5 - 1847068



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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### Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

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