

Touch panel - TP 04M - 2985152

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Touch panel with 9.7 cm (3.8") graphics-capable FSTN display, 320 x 240 pixels, 1 x Ethernet, 2 x USB, and integrated runtime of the Visu+ visualization software.

Product Features

- ✓ Short startup time
- ✓ Easy installation, low installation depth, and compact design
- ✓ Display available in sizes from 8.9 cm (3.8") to 38.1 cm (15")
- ✓ Visu+ RT and AX OPC server integrated as standard in all devices
- ✓ Energy efficient due to LED backlighting

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	599.0 GRM
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	130 mm
External dimension, height	96 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	122 mm
Installation dimension, height	88 mm

Display

Display	9.7 cm/3.8" FSTN
Resolution	320 x 240 Pixel (QVGA)

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Technical data

Display

Backlighting	CCFL
Touch screen	Resistive industrial touch screen
Colors	5 grayscales

Computer data

Processor	RISC ARM9™ CPU; 200 MHz
RAM	64 MB SDRAM
Mass storage	32 MByte flash memory
Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Operating systems	Windows CE 5.0

General

Mounting type	Installation in front plate
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Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

Classifications

eCl@ss

eCl@ss 4.0	27330202
eCl@ss 4.1	27330202
eCl@ss 5.0	27242215
eCl@ss 5.1	27242301
eCl@ss 6.0	27242301
eCl@ss 7.0	27242301
eCl@ss 8.0	27242301

ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001426

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Classifications

ETIM

ETIM 5.0	EC001414
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UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43211903
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Listed / cUL Listed / LR / GL / BV / DNV / ABS / GL-SW / cUL Listed / GL / cULus Listed / cULus Listed / cULus Listed / null / null / null / null

Ex Approvals

Approvals submitted

Approval details

UL Listed 

cUL Listed 
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LR

GL

BV

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Approvals

DNV
ABS
GL-SW
cUL Listed 
GL
cULus Listed 
cULus Listed 
cULus Listed


Accessories

Accessories

Battery module

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Accessories

Battery - HMI BATTERY - 2701383



CMOS battery

Mounting material

Mounting kit - 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.

Mounting kit - 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.

Mounting kit - 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.

Operating stylus

Touch pen - TOUCH PEN - 2701379



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

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Accessories

Storage medium

USB memory stick - 2 GB USB STICK - 2701382



USB memory stick, 2 GB.