

Touch panel - TP 3057M - 2700901

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Touch panel with 14.5 cm (5.7") graphics-capable TFT display, 256-step grayscale, 320 x 240 pixels, 1 x Ethernet, 2 x USB, and integrated runtime of the Visu+ visualization software

Why buy this product

- Easy installation, low installation depth, and compact design
- Short startup time
- Visu+ RT and AX OPC server integrated as standard in all devices
- Display available in sizes from 14.5 cm (5.7") to 30.7 cm (12")
- Available with PROFIBUS DP, MPI, CANopen, and serial interface as an option
- Can be extended with external CF card
- Energy efficient due to LED backlighting



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 585026
Weight per Piece (excluding packing)	3330.0 g
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	203 mm
External dimension, height	147 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	195 mm

Touch panel - TP 3057M - 2700901

Technical data

Dimensions

Installation dimension, height	139 mm
Installation dimension, depth	49 mm
Note regarding installation dimension	55 mm, approximately with fieldbus interface

Display

Display	14.5 cm/5.7" TFT active
Resolution	320 x 240 Pixel (QVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch screen	Resistive industrial touch screen
Colors	256-step grayscale

Computer data

Processor	Xscale® PXA320, 806 MHz
RAM	128 MB SDRAM
Mass storage	1 GB Flash
Interfaces	2x USB Host 1.1, 1x Compact Flash®
Optional interfaces	1x CF card, type I and II
Network	1 x Ethernet (10/100 Mbps), RJ45
Operating systems	Windows CE 6.0
Power supply unit	24 V DC ±20%
Power consumption	9.6 VA

General

Mounting type	Installation in front plate
Weight	1000 g

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)	20 % ... 85 % (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

Touch panel - TP 3057M - 2700901

Classifications

eCl@ss

eCl@ss 6.0	27242301
eCl@ss 7.0	27242301
eCl@ss 8.0	27242302

ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001426
ETIM 5.0	EC001414

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 / DNV / EAC / LR / ABS / RINA / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

DNV

Touch panel - TP 3057M - 2700901

Approvals

EAC
LR
ABS
RINA
cULus Listed 

Accessories

Accessories

Battery module

Battery - HMI BATTERY - 2701383

CMOS battery



Mounting material

Mounting kit - HMI WALL MOUNTING KIT - 2701380

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



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.



Touch panel - TP 3057M - 2700901

Accessories

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.

Parameterization memory

Memory - CF FLASH 256MB - 2988780



Program and configuration memory, plug-in, 256 MB

Protective foil

Protective foil - 5,7" DISPLAY PROTECTIVE FOIL - 2701371



Protective film set comprising 10 pieces of film for a 5.7" display. Including a squeegee to apply film and instructions.

Storage medium

Touch panel - TP 3057M - 2700901

Accessories

USB memory stick - 2 GB USB STICK - 2701382



USB memory stick, 2 GB.