

## Touch panel - TP 06T - 2913658

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Touch panel with 16.5 cm (6.5") graphics-capable TFT display, 65,535 colors, 640 x 480 pixels, 1 x Ethernet, 2 x USB, and integrated runtime of the Visu+ visualization software.

### Why buy this product

- 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
GTIN	 4 046356 479462
Weight per Piece (excluding packing)	800.0 g
Custom tariff number	84714100
Country of origin	Germany
Note	Made to Order (non-returnable)

### 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	210 mm
External dimension, height	158 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	202 mm
Installation dimension, height	150 mm

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## Technical data

### Dimensions

Installation dimension, depth	55 mm
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### Display

Display	16.5 cm/6.5" TFT
Resolution	640 x 480 Pixel (VGA)
Backlighting	CCFL
Touch screen	Resistive industrial touch screen
Colors	65,536 colors

### 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®
Network	1 x Ethernet (10/100 Mbps), RJ45
Operating systems	Windows CE 5.0
Power supply unit	24 V DC +/- 20%

### 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

### ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426

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## Classifications

### ETIM

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

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#### Approvals

GL / DNV / GL-SW / GL-SW / UL Listed / cUL Listed / LR / EAC / LR / ABS / RINA / GL / cULus Listed

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

GL

DNV

GL-SW


GL-SW

UL Listed

cUL Listed

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## Approvals

LR
EAC
LR
ABS
RINA
GL
cULus Listed 

## Accessories

### Accessories

#### Battery module

Battery - HMI BATTERY - 2701383

CMOS battery



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### Mounting material

Mounting kit - HMI WALL MOUNTING KIT - 2701380

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



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### Accessories

#### 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.

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#### 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.

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#### 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.

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### 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

#### Memory - CF FLASH 256MB - 2988780



Program and configuration memory, plug-in, 256 MB

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### Protective foil

## Touch panel - TP 06T - 2913658

### Accessories

Protective foil - 6,5" DISPLAY PROTECTIVE FOIL - 2701372

Protective film set comprising 10 pieces of film for a 6.5" display. Including a squeegee to apply film and instructions.



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### Storage medium

USB memory stick - 2 GB USB STICK - 2701382



USB memory stick, 2 GB.