

## Touch panel - WP 07T/WS - 2700307

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Touch panel with 17.8 cm/7" TFT-Display (Analog resistive), 800 x 480 Pixel (WVGA), 65536 colors, ARM9™, 200 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and User software: MicroBrowser. (Bus system: without)

### Product Features

- Short startup time
- Easy installation, low installation depth, and compact design
- Low maintenance costs - projects are only adapted once
- Micro browser (WebVisit client) integrated as standard in all devices
- Display available in sizes from 8.9 cm (3.5") to 38.1 cm (15")
- Easy device replacement - the visualization project is saved on the PLC (web server)

### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	1360.0 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
Installation dimension, height	139 mm
Installation dimension, depth	54 mm
Note regarding installation dimension	Installation cutout

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## Technical data

### Display

Display	17.8 cm/7" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Backlighting	LED
Display backlight MTBF	> 50000 h
Touch technology	Analog resistive
Colors	65536 colors

### Computer data

Processor	ARM9™, 200 MHz
Operating systems	Windows® CE 5.0
User software	MicroBrowser
RAM	64 MB SDRAM
Mass storage	32 MByte flash memory
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB Host 2.0
Bus system	without

### General

Mounting type	Front installation
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)	10 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

### Device supply

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

Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

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### Classifications

#### eCl@ss

eCl@ss 5.1	27242302
eCl@ss 6.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

#### ETIM

ETIM 3.0	EC001414
ETIM 4.0	EC001412
ETIM 5.0	EC001412

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43211507
UNSPSC 13.2	43201404

### Approvals

#### Approvals

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##### Approvals

GL / GL-SW / UL Listed / cUL Listed / GL-SW / DNV / 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
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GL-SW
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### Approvals

UL Listed 

cUL Listed 

GL-SW

DNV

EAC

LR

ABS

RINA

GL

cULus Listed 

### Accessories

#### Accessories

#### Mounting material

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

#### Mounting material - HMI WALL BOX - 2701381



Flush-type box made of galvanized sheet steel for panel mounting.

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#### 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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### Operating stylus

#### Touch pen - TOUCH PEN - 2701379



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

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### Accessories

#### PCB plug

Printed-circuit board connector - MSTB 2,5/ 3-STF - 1786844



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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#### Protective foil

Protective foil - 7" DISPLAY PROTECTIVE FOIL - 2701374



Protective film set comprising 10 pieces of film for a 7" display. Including a squeegee to apply film and instructions.

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#### Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

# Mouser Electronics

Authorized Distributor

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Phoenix Contact:

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