

## Touch panel - WP 4101-WXPS - 1148687

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Touch panel with 25.7 cm / 10.1" TFT-display (Projective-capacitive (PCAP)), 1280 x 800 pixel(s) (WXGA), 16.7 million colors, Arm® Cortex®-A53, 4x 1.2 GHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Yocto/Linux and user software: Chromium Browser. (bus system: without)


Similar figure

### Your advantages

- ✓ Easy startup – just enter the IP and URL
- ✓ Flexible, thanks to open web standard and free choice of web server and visualization software
- ✓ No security updates are required for JAVA or Flash plug-ins thanks to HTML5
- ✓ Ideal for use with PLCnext Engineer or CODESYS
- ✓ Embedded Linux operating system
- ✓ Visualization of self-programmed JavaScript applications possible
- ✓ Secure communication, thanks to SSL-encrypted data transmission



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 141899
GTIN	4063151141899
Weight per Piece (excluding packing)	2,000.000 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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## Technical data

### Dimensions

Outer dimensions: width, height, depth	263 mm x 200 mm x 6 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	252 mm x 189 mm x 45 mm (Installation cutout)

### Display

Display type	25.7 cm / 10.1" TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	Projective-capacitive (PCAP)
Brightness	850 cd/m <sup>2</sup> typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	16.7 million colors
Reading angle left	85 °
Reading angle right	85 °
Reading angle top	85 °
Reading angle bottom	85 °

### Computer data

Processor	Arm® Cortex®-A53, 4x 1.2 GHz
Operating system	Yocto/Linux
User software	Chromium Browser
RAM	1 GB LPDDR3
Mass storage	Flash eMMC, 8 GB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB Host 2.0
Bus system	without
Optional interfaces	Without optional interface
Slots	1x microSD
Realtime clock	Integrated (battery backup)

### General

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation
Weight	1270 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

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## Technical data

### Ambient conditions

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

### Device supply

Supply voltage	24 V DC
Supply voltage range	18 V ... 30 V
Typical current consumption	0.6 A
Power supply unit	24 V DC $\pm$ 20 %

### Standards and Regulations

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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Classifications

### eCl@ss

eCl@ss 10.0.1	27330201
eCl@ss 11.0	27330201
eCl@ss 4.0	27330200
eCl@ss 4.1	27330200
eCl@ss 5.0	27330200
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 9.0	27330201

### ETIM

ETIM 4.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

## Approvals

### Approvals

# Touch panel - WP 4101-WXPS - 1148687

## Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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## Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
cUL Listed		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
cULus Listed			

## Accessories

Accessories

Mounting material

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 WALL MOUNTING KIT - 2701380



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

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### Accessories

#### PCB plug

Printed-circuit board connector - MC 1,5/ 3-STF-3,5 BD:1-3 - 1751312



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, number of potentials: 3, Number of rows: 1, Number of positions per row: 3, number of connections: 3, product range: MC 1,5/..-STF, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: MINI COMBICON, Locking: Screw locking, mounting: Screw flange, type of packaging: packed in cardboard

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#### Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

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Memory - MICROSDHC-16GB - 1154696



Industrial grade 16 GB MicroSDHC 3DTLC

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Memory - MICROSDHC-32GB - 1154699



Industrial grade 32 GB MicroSDHC 3DTLC