

Touch panel - WP 04T - 2913632

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Touch panel with 8.9 cm (3.5") graphics-capable TFT display, 320 x 240 pixels, 1 x Ethernet, 2 x USB, and integrated micro browser

Why buy this product

- 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)
- Energy efficient due to LED backlighting

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 460422
GTIN	4046356460422
Weight per Piece (excluding packing)	520.000 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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Dimensions

External dimension, width	120 mm
External dimension, height	90 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate

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Technical data

Dimensions

Installation dimension, width	112 mm
Installation dimension, height	82 mm
Installation dimension, depth	35 mm

Display

Display	8,9 cm / 3,5"-TFT
Screen resolution	320 x 240 Pixel(s) (QVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch technology	Analog resistive (polyester)
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
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Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
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
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Technical data

Standards and Regulations

Vibration (operation)	DIN EN 60068-2-6
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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 2.0	EC001412
ETIM 3.0	EC001412
ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43211903
UNSPSC 13.2	43211904

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / ABS / RINA / BV / DNV GL / cULus Listed

Ex Approvals

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Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
EAC			RU *- DE.A*30.B.00238
ABS		http://www.eagle.org/eagleExternalPortalWEB/	16-HG1569098-PDA
RINA		http://www.rina.org/en	ELE052317XG
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	41477/A0 BV
DNV GL		http://exchange.dnv.com/tari/	TAA000009G
cULus Listed			

Accessories

Accessories

Mounting material

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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Accessories

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.

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.

Operating stylus

Touch pen - TOUCH PEN - 2701379



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

PCB plug

Printed-circuit board connector - MC 1,5/ 3-STF-3,5 - 1847068



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Storage medium

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Accessories

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

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