

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

Your advantages

- ✓ 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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 460422
GTIN	4046356460422

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Outer dimensions: width, height, depth	120 mm x 90 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	112 mm x 82 mm x 35 mm

Display

Display type	8,9 cm / 3,5"-TFT
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	analog resistive (polyester)

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Technical data

Display

Brightness	350 cd/m ² , typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h
Colors	65536 colors

Computer data

Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
User software	MicroBrowser
RAM	64 MB SDRAM
Mass storage	Flash, 32 MB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB Host 2.0
Bus system	without

General

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

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

Typical current consumption	0.3 A
Power supply unit	24 V DC ±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
China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Classifications

eCl@ss

eCl@ss 10.0.1	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 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
ETIM 7.0	EC001412

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43211903
UNSPSC 13.2	43211904
UNSPSC 18.0	43211904
UNSPSC 19.0	43211904
UNSPSC 20.0	43211904
UNSPSC 21.0	43211904

Approvals

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

Ex Approvals

Approval details

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Approvals

DNV GL		https://approvalfinder.dnvgl.com/	TAA000009G
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	41477/B0 BV
ABS		http://www.eagle.org/eagleExternalPortalWEB/	16-HG1569098-PDA
RINA		http://www.rina.org/en	ELE052317XG
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
LR		http://www.lr.org/en	14/20017
EAC-RoHS			RU*- DE*35.B.00394/20
EAC			RU *- DE.A*30.B.00238
cULus Listed			

Accessories

Accessories

Mounting material

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Accessories

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.

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 analog-resistive HMIs, silver coated. Delivery includes self-adhesive pen holder.

PCB plug

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



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², 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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