

Touch panel - WP 06T/WT - 2400163

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Rugged-Touch panel with 14.5 cm/5.7" TFT active-display (Analog resistive (GFG), anti-reflective coating), 320 x 240 pixel(s) (QVGA), 65536 colors, Arm9™, 184 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and user software: MicroBrowser. (bus system: without)

Your advantages

- ✓ Short startup time
- ✓ Easy installation, low installation depth, and compact design
- ✓ Neutral front
- ✓ UV resistance
- ✓ Extended temperature range of -20°C to +70°C
- ✓ High degree of protection: IP67 (front)
- ✓ High resistance to abrasion for the front
- ✓ High chemical resistance (glass touch)
- ✓ Display can be read in sunlight
- ✓ Easy device replacement - the visualization project is saved on the PLC
- ✓ Energy efficient due to LED backlighting



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356965927

Technical data

Dimensions

Outer dimensions: width, height, depth	195 mm x 153 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	161 mm x 119 mm x 42 mm (Installation cutout)

Display

Display type	14.5 cm/5.7" TFT active
Screen resolution	320 x 240 Pixel(s) (QVGA)

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Technical data

Display

Touch technology	Analog resistive (GFG), anti-reflective coating
Readability in sunlight	yes
Brightness	400 cd/m ² , typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h
Colors	65536 colors

Computer data

Processor	Arm9™, 184 MHz
Operating system	Windows® CE 5.0
User software	MicroBrowser
RAM	128 MB SDRAM
Mass storage	Flash, 64 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
Weight	1100 g

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
	5 % ... 95 % (front; non-condensing)
Permissible humidity (storage/transport)	20 % ... 85 % (non-condensing)
	5 % ... 95 % (front; non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

Device supply

Typical current consumption	0.2 A
Power consumption	typ. 4.8 W
Power supply unit	24 V DC ±20 %

Standards and Regulations

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

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Technical data

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"

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 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

UNSPSC

UNSPSC 13.2	43211904
UNSPSC 18.0	43211904
UNSPSC 19.0	43211904
UNSPSC 20.0	43211904
UNSPSC 21.0	43211904

Approvals

Approvals

Approvals

UL Listed / cUL Listed / 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
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
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cULus Listed			
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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.

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.

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Accessories

Mounting material - HMI WALL MOUNTING KIT - 2701380

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



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

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

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