

Touch panel - TP 3090W/P - 2403460

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Touch panel with 22.9 cm/9" TFT-Display (Projective-capacitive (PCAP)), 800 x 480 Pixel (WVGA), 16.7 million colors, ARM® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and User software: Visu+. (Bus system: without)

Similar figure

Why buy this product

- ✓ Robust and sturdy, thanks to glass front suitable for industrial use
- ✓ Fast response and display refresh, thanks to powerful processor
- ✓ Flexible connection to third-party systems by means of various drivers
- ✓ Integrated Visu+ visualization software
- ✓ Mobile system access with the Visu+ mobile app

Key Commercial Data

Packing unit	1 STK
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	271 mm
External dimension, height	179 mm
External dimension, depth	6 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	261 mm
Installation dimension, height	169 mm

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Technical data

Dimensions

Installation dimension, depth	53 mm
Note regarding installation dimension	Installation cutout

Display

Display	22.9 cm/9" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Backlighting	LED
Display backlight MTBF	70000 h
Touch technology	Projective-capacitive (PCAP)
Colors	16.7 million colors

Computer data

Processor	ARM® Cortex®-A8, 1000 MHz
Operating systems	Windows® Embedded Compact 7
User software	Visu+
RAM	512 MB LPDDR RAM
Mass storage	1 GB NAND-Flash
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 2.0
Bus system	without
Optional interfaces	SD slot
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

General

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation
Weight	1800 g

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)	20 % ... 85 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

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Technical data

Device supply

Supply voltage	24 V DC
Supply voltage range	18 V DC ... 30 V DC
Typical current consumption	typ. 0.8 A
Power consumption	typ. 19.2 W
Power supply unit	24 V DC ±20 %

Standards and Regulations

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

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

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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