

Touch panel - TP 3043W/WT - 2404286

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Rugged-Touch panel with 10,92 cm / 4,3"-TFT-display (Analog resistive (GFG)), 480 x 272 pixel(s) (WQVGA), 262144 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

Your advantages

- ✓ Display can be read in sunlight
- ✓ Can be operated when wearing work gloves
- ✓ Resistant to UV and IR radiation
- ✓ Resistant to environmental influences, such as salt spray, termites, and chemicals
- ✓ Weatherproof thanks to IP67 protection

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 381985
GTIN	4055626381985

Technical data

Dimensions

Outer dimensions: width, height, depth	171 mm x 131 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	136 mm x 96 mm x 42 mm (Mounting cutout, depth with bus if bus system present in the device)

Display

Display	10,92 cm / 4,3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Touch technology	Analog resistive (GFG)
Readability in sunlight	yes
Brightness	385 cd/m ² typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h

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Technical data

Display

Colors	262144 colors
Reading angle left	75 °
Reading angle right	75 °
Reading angle top	63 °
Reading angle bottom	75 °

Computer data

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

General

Extras	Integrated acoustic signal (buzzer)
Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Bolt fixing
Weight	600 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 %
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Typical current consumption	0.2 A
Power supply unit	24 V DC ±20 %

Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

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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

Accessories

Accessories

Battery module

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery



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Accessories

Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for analog-resistive HMI, 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