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Touch panel - TP 3057V/WT - 2403464

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Rugged-Touch panel with 14.5 cm/5.7" TFT active-display (Analog resistive (GFG)), 640 x 480 pixel(s) (VGA), 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 382319
GTIN	4055626382319

Technical data

Note

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

Display

Display	14.5 cm/5.7" TFT active
Touch technology	Analog resistive (GFG)
Readability in sunlight	yes
Brightness	400 cd/m², typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h
Colors	262144 colors
Reading angle left	65 °

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Technical data

Display

Reading angle right	65 °
Reading angle top	55 °
Reading angle bottom	52 °

Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
User software	Visu+
RAM	512 MB LPDDR SDRAM
	1 MB SRAM
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	800 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)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Typical current consumption	0.3 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

Environmental Product Compliance

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Technical data

Environmental Product Compliance

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

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

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

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