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Touch panel - TP 3150S - 2400458

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Similar figure

Touch panel with 38.1 cm/15" TFT-display (analog resistive (polyester)), 1024 x 768 pixel(s) (XGA), 65536 colors, Arm® Cortex®-A8, 800 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+ / AX OPC Server. (bus system: without)

Your advantages

☑ Easy installation, low installation depth, and compact design

☑ Short startup time

☑ Visu+ RT and AX OPC server integrated as standard in all devices

☑ Easy IP address allocation and active connection monitoring thanks to PROFINET-Device according to Conformance Class B

☑ Display available in sizes from 14.5 cm (5.7") to 39.05 cm (15.4")

☑ Versatile communication options, even with third-party systems, thanks to numerous drivers and interfaces

☑ Energy efficient due to LED backlighting

☑ Acoustic warning from alarms via integrated buzzer (85 dB)

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 055923
GTIN	4055626055923
Weight per Piece (excluding packing)	2,300.000 g
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

Dimensions

Outer dimensions: width, height, depth	400 mm x 329 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	372 mm x 301 mm x 55 mm (Installation cutout)

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Technical data

Display

Display	38.1 cm/15" TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Touch technology	analog resistive (polyester)
Brightness	480 cd/m² typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	65536 colors
Reading angle left	80 °
Reading angle right	80 °
Reading angle top	65 °
Reading angle bottom	80 °

Computer data

Processor	Arm® Cortex®-A8, 800 MHz
Operating system	Windows® Embedded Compact 7
User software	Visu+
	AX OPC Server
RAM	512 MB RAM
Mass storage	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 (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	3000 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

Device supply

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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	0.6 A
Power consumption	typ. 14.4 W
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

	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 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

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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

cULus Listed			

Accessories

Accessories

Battery module

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery

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.

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Accessories

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.

Parameterization memory

Program / configuration memory - SD FLASH 2GB - 2988162

Program and configuration memory, for extending the internal flash memory, pluggable, 2 GB.

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

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Accessories

Protective foil

Protective foil - 15,0" DISPLAY PROTECTIVE FOIL - 2701378

Protective film set comprising 10 pieces of film for a 15" display. Including a squeegee to apply film and instructions.

Storage medium

USB memory stick - USB FLASH DRIVE - 2402809

USB memory stick, 8 GB