TP150STX/100130003 S00068 - Touch panel

2401526

https://www.phoenixcontact.com/be/products/2401526

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Touch panel with 38.1 cm / 15"-TFT display (analog resistive (polyester)), 1024 x 768 pixel(s) (XGA), 262144 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: Movicon™. (bus system: without)

Commercial data

Item number	2401526
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRCABC
Product key	DRCABC
GTIN	4055626196800
Weight per piece (including packing)	3.000 g
Weight per piece (excluding packing)	4.749 g
Customs tariff number	84714100
Country of origin	DE

Technical data

Product properties

Product type	Operator panel

Computer data

Processor	Arm® Cortex®-A8, 800 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB LPDDR SDRAM
Data storage system	NAND-Flash, 256 MB
Slots	1x SD

Display

Display type	38.1 cm / 15"-TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	480 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	65.00 °
Reading angle bottom	80.00 °

Interfaces

Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without

System properties

User software	Movicon™

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.8 A

Real-time clock

Realtime clock	Yes (battery-backed)

Mounting

Mounting type	Front mounting

Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

Environmental and real-life conditions

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

Dimensions

External dimensions

Width / Height / Depth	400 mm / 329 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	372 mm / 301 mm / (Installation cutout)
Installation depth	55 mm,

Classifications

ECLASS

ECLASS-11.0	27330201

ETIM

ETIM 8.0	EC001412

UNSPSC

UNSPSC 21.0	43211900

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-15
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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Accessories

TOUCH PEN - Touch pen

2701379

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Touch pen for analog-resistive HMIs, silver coated. Delivery includes self-adhesive pen holder.

USB FLASH DRIVE - USB memory stick

2402809

https://www.phoenixcontact.com/be/products/2402809

USB memory stick, 8 GB

SD FLASH 2GB - Program/configuration memory

2988162

https://www.phoenixcontact.com/be/products/2988162

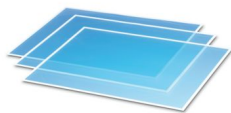Program and configuration memory, for extending the internal flash memory, pluggable, 2 GB.

15,0" DISPLAY PROTECTIVE FOIL - Protective foil

2701378

https://www.phoenixcontact.com/be/products/2701378

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

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HMI BATTERY - Battery/accumulator

2701383

https://www.phoenixcontact.com/be/products/2701383

Lithium battery

HMI SCB MOUNTING KIT 8 - Mounting material

2701387

https://www.phoenixcontact.com/be/products/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.

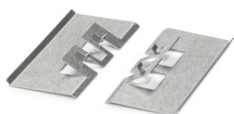# TP150STX/100130003 S00068 - Touch panel

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HMI WALL MOUNTING KIT - Mounting material

2701380

https://www.phoenixcontact.com/be/products/2701380
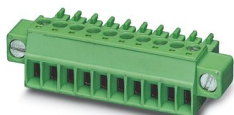
HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.

MC 1,5/ 3-STF-3,5 BD:1-3 - PCB connector

1751312

https://www.phoenixcontact.com/be/products/1751312

PCB connector, nominal cross section: 1.5 mm^2, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MC 1,5/..-STF, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard