PHŒNIX CONTACT

Touch panel - TP 07T - 2913085

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Touch panel with 17.8 cm (7") graphics-capable TFT display, 65,535 colors, 800 x 480 pixels, 1 x Ethernet, 2 x USB, and integrated runtime of the Visu+ visualization software.

Why buy this product

☑ Short startup time

☑ Easy installation, low installation depth, and compact design

☑ Display available in sizes from 8.9 cm (3.8") to 38.1 cm (15")

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

Key commercial data

Packing unit	1 pc
GTIN	4 046356 299831
Weight per Piece (excluding packing)	1276.0 g
Weight per piece (including packing)	1598.0 g
Custom tariff number	84714100
Country of origin	Germany
Sales Key	P1 - HMIs + Industry PC

Technical data

Note:

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

Dimensions

External dimension, width	203 mm
External dimension, height	147 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	195 mm
Installation dimension, height	139 mm

Display

Display	17.8 cm/7" TFT

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Technical data

Display

Resolution	800 x 480 Pixel (WVGA)
Backlighting	LED
Display backlight MTBF	> 50000 h
Touch screen	Resistive industrial touch screen
Colors	65,536 colors

Computer data

Processor	RISC ARM9™ CPU; 200 MHz
RAM	64 MB SDRAM
Mass storage	32 MByte flash memory
Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Operating systems	Windows CE 5.0

General

Mounting type	Installation in front plate

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
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)	10 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

Classifications

eCl@ss

eCl@ss 4.0	27330202
eCl@ss 4.1	27330202
eCl@ss 5.0	27242215
eCl@ss 5.1	27242301
eCl@ss 6.0	27242301
eCl@ss 7.0	27242301
eCl@ss 8.0	27242301

ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001426
ETIM 5.0	EC001414

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Classifications

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43211903
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Listed / cUL Listed / LR / GL / BV / DNV / ABS / GL-SW / UL Listed / cUL Listed / LR / GL / BV / DNV / ABS / GL-SW / GL / cULus Listed

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Ex Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

LR

GL

BV

DNV

ABS

GL-SW

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Approvals

UL Listed

cUL Listed

LR

GL

BV

DNV

ABS

GL-SW

GL

cULus Listed

Accessories

Accessories

Battery module

Battery - HMI BATTERY - 2701383

CMOS battery

Mounting material

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Accessories

Mounting kit - HMI WALL MOUNTING KIT - 2701380

HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.

Mounting material - HMI WALL BOX - 2701381

Flush-type box made of galvanized sheet steel for panel mounting.

Mounting kit - 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.

Mounting kit - 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 kit - 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 panel - TP 07T - 2913085

Accessories

Touch pen - TOUCH PEN - 2701379

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

Protective foil

Protective foil - 7" DISPLAY PROTECTIVE FOIL - 2701374

Protective film set comprising 10 pieces of film for a 7" display. Including a squeegee to apply film and instructions.

Storage medium

USB memory stick - 2 GB USB STICK - 2701382

USB memory stick, 2 GB.