PHŒNIX CONTACT

Touch panel - TP 3070T MPI - 2700913

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Touch panel with 17.8 cm (7.0") graphics-capable TFT display, 65,535 colors, 800 x 480 pixels, 1 x Ethernet, 1 x MPI, 2 x USB, and integrated runtime of the Visu+ visualization software

Why buy this product

☑ Easy installation, low installation depth, and compact design

☑ Short startup time

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

☑ Display available in sizes from 14.5 cm (5.7") to 30.7 cm (12")

☑ Can be extended with external CF card

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☑ Energy efficient due to LED backlighting

Key commercial data

Packing unit	1 pc
GTIN	4 046356 585354
Weight per Piece (excluding packing)	3330.0 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

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

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Technical data

Dimensions

Installation dimension, height	139 mm
Installation dimension, depth	49 mm
Note regarding installation dimension	55 mm, approximately with fieldbus interface

Display

Display	17.8 cm/7" TFT
Resolution	800 x 480 Pixel (WVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch screen	Resistive industrial touch screen
Colors	65,536 colors

Computer data

Processor	Xscale® PXA320, 806 MHz
RAM	128 MB SDRAM
Mass storage	1 GB Flash
Interfaces	2x USB Host 1.1, 1x Compact Flash®
Optional interfaces	1x CF card, type I and II
Network	1 x Ethernet (10/100 Mbps), RJ45
Operating systems	Windows CE 6.0
Power supply unit	24 V DC ±20%
Power consumption	16.8 VA

General

Mounting type	Installation in front plate
Weight	1000 g

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)	20 % ... 85 % (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	27242304

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Classifications

eCl@ss

eCl@ss 6.0	27242301
eCl@ss 7.0	27242301
eCl@ss 8.0	27242302

ETIM

ETIM 3.0	EC001426
ETIM 4.0	EC001414
ETIM 5.0	EC001414

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 / DNV / EAC / LR / ABS / RINA / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

DNV

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Approvals

EAC

LR

ABS

RINA

cULus Listed

Accessories

Accessories

Battery module

Battery - HMI BATTERY - 2701383

CMOS battery

Mounting material

Mounting kit - HMI WALL MOUNTING KIT - 2701380

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

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.

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Accessories

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 pen - TOUCH PEN - 2701379

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

Parameterization memory

Memory - CF FLASH 256MB - 2988780

Program and configuration memory, plug-in, 256 MB

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

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Accessories

USB memory stick - 2 GB USB STICK - 2701382

USB memory stick, 2 GB.