

Touch panel - TP 07T/M 211 - 2701452

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Touch panel with 17.8 cm/7" TFT-Display (Analog resistive (polyester)), 800 x 480 Pixel (WVGA), 65536 colors, Xscale[®] PXA320, 806 MHz, 2x USB host 1.1, 1x CompactFlash[®], 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 6.0 and User software: Visu+ / AX OPC Server. (Bus system: without)

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
- Energy efficient due to LED backlighting

Key Commercial Data

Packing unit	1 STK
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	165 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	195 mm
Installation dimension, height	157 mm
Installation dimension, depth	56 mm

Display

Display	17.8 cm/7" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)

Touch panel - TP 07T/M 211 - 2701452

Technical data

Display

Backlighting	LED
Display backlight MTBF	50000 h
Touch technology	Analog resistive (polyester)
Colors	65536 colors

Computer data

Processor	Xscale® PXA320, 806 MHz
Operating systems	Windows® CE 6.0
User software	Visu+
	AX OPC Server
RAM	128 MB SDRAM
Mass storage	1 GB Flash
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 1.1
	1x CompactFlash®
Bus system	without

General

Mounting type	Front installation
---------------	--------------------

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	0 °C ... 55 °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

Device supply

Power supply unit	24 V DC ±20 %
-------------------	---------------

Standards and Regulations

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

Touch panel - TP 07T/M 211 - 2701452

Classifications

eCl@ss

eCl@ss 5.1	27242302
eCl@ss 6.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 3.0	EC001426
ETIM 4.0	EC001412
ETIM 5.0	EC001412

UNSPSC

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

Approvals

Approvals

Approvals

DNV / LR / ABS / RINA / GL / GL-SW / UL Listed / cUL Listed / GL

Ex Approvals

Approval details

DNV <http://exchange.dnv.com/tari/A-13918>

LR <http://www.lr.org/en/14/20017>

ABS <http://www.eagle.org/eagleExternalPortalWEB/14-HG1287593-PDA>

RINA <http://www.rina.org/en/index.aspx/ELE086614XG>

Touch panel - TP 07T/M 211 - 2701452


Approvals

GL <http://www.gl-group.com/newbuilding/approvals/index.html> 54463-07 HH

GL-SW 54463-07 HH

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

GL  <http://www.gl-group.com/newbuilding/approvals/index.html>

Accessories

Accessories

Battery module

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery



Mounting material

Mounting material - HMI WALL MOUNTING KIT - 2701380

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



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.

Touch panel - TP 07T/M 211 - 2701452

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

PCB plug

Printed-circuit board connector - MSTB 2,5/ 3-STF - 1786844



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Protective foil

Touch panel - TP 07T/M 211 - 2701452

Accessories

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 - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

Memory card - VL 1 GB CF - 2913155



CompactFlash® card, pluggable, 1 GB

Memory card - VL 4 GB CF - 2913157



CompactFlash® card, pluggable, 4 GB

Memory card - VL 8 GB CF - 2913158



CompactFlash® card, pluggable, 8 GB

