

Touch panel - TP 3105S - 2400455

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 26.4 cm/10.4" TFT-display (analog resistive (polyester)), 800 x 600 pixel(s) (SVGA), 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: Visu+ / AX OPC Server. (bus system: without)


Similar figure

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)



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 055954
GTIN	4055626055954
Weight per Piece (excluding packing)	2,480.000 g
Custom tariff number	84714100
Country of origin	Germany

Technical data

Note

Touch panel - TP 3105S - 2400455

Technical data

Note

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

Dimensions

Outer dimensions: width, height, depth	295 mm x 220 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	287 mm x 212 mm x 54 mm (Installation cutout)

Display

Display type	26.4 cm/10.4" TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	analog resistive (polyester)
Brightness	340 cd/m ² typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	262144 colors
Reading angle left	55 °
Reading angle right	55 °
Reading angle top	70 °
Reading angle bottom	70 °

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	1900 g

Touch panel - TP 3105S - 2400455

Technical data

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

Supply voltage	24 V DC
Supply voltage range	18 V DC ... 30 V DC
Typical current consumption	0.5 A
Power consumption	typ. 12 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

REACH SVHC	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 10.0.1	27330201
eCl@ss 11.0	27330201
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 9.0	27330201

Touch panel - TP 3105S - 2400455

Classifications

ETIM

ETIM 4.0	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

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

EAC		RU*- DE*08.B.00004/18
-----	--	--------------------------

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
------------	--	---	---------------

Touch panel - TP 3105S - 2400455

Approvals

cULus Listed

