PHŒNIX CONTACT

Touch panel - TP 3120W/P - 2403461

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Touch panel with 30.7 cm/12.1" TFT-display (Projective-capacitive (PCAP)), 1280 x 800 pixel(s) (WXGA), 65536 colors, Arm® Cortex®-A8, 1000 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+. (bus system: without)

Similar figure

Your advantages

☑ Robust and sturdy, thanks to glass front suitable for industrial use

☑ Fast response and display refresh, thanks to powerful processor

☑ Flexible connection to third-party systems by means of various drivers

☑ Integrated Visu+ visualization software

☑ Mobile system access with the Visu+ mobile app

RoHS

COMPLETE line

Key Commercial Data

Packing unit	1 pc
GTIN	(barcode) 4 055626 363547
GTIN	4055626363547
Weight per Piece (excluding packing)	3,640.000 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

Outer dimensions: width, height, depth	336 mm x 234 mm x 6 mm (Dimensions of the front plate)

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Technical data

Dimensions

Installation dimensions: width, height, depth	326 mm x 224 mm x 53 mm (Installation cutout)

Display

Display type	30.7 cm/12.1" TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	Projective-capacitive (PCAP)
Brightness	320 cd/m² typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	65536 colors
Reading angle left	88 °
Reading angle right	88 °
Reading angle top	88 °
Reading angle bottom	88 °

Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
User software	Visu+
RAM	512 MB LPDDR RAM
Mass storage	NAND-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	2700 g

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

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Technical data

Ambient conditions

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	0.9 A
Power consumption	typ. 21.6 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

ETIM

ETIM 4.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

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Classifications

UNSPSC

UNSPSC 13.2	43211904
UNSPSC 18.0	43211904
UNSPSC 19.0	43211904
UNSPSC 20.0	43211904
UNSPSC 21.0	43211904

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

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

cULus Listed			