TP 6121-WXPS - Touch panel

1190420

https://www.phoenixcontact.com/au/products/1190420

PHŒNIX CONTACT

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 documentation. Our general terms of use for downloads are valid.

IP66 Touch panel with 12.1-inch widescreen (16:9) XGA, PCAP display, software: Visu+ RT

Your advantages

- PCAP touch interface, ten-point multi touch control
- Fanless design
- Dual USB 2.0 ports
- Integrated Visu+ visualization software
- Ideal for use with PLCnext
- Configurable multifunction serial port

Commercial data

Item number	1190420
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRCADC
Product key	DRCADC
GTIN	4063151239985
Weight per piece (including packing)	2,260 g
Weight per piece (excluding packing)	2,100 g
Customs tariff number	84714100
Country of origin	TW

TP 6121-WXPS - Touch panel

1190420

https://www.phoenixcontact.com/au/products/1190420

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type

Product type	Operator panel

Computer data

Processor	Arm® Cortex®-A9, 800 MHz
Operating system	Windows® Embedded Compact 7
Data storage system	Flash eMMC, 8 GB
Slots	1x microSD

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	88.00 °
Reading angle right	88.00 °
Reading angle top	88.00 °
Reading angle bottom	88.00 °

Interfaces

Interfaces	2x USB Host 2.0
	1x COM (RS-232/422/485)
Optional interfaces	Without optional interface
Network	1x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

System properties

User software	Visu+

System requirements

Runtime system	Visu+ Runtime

Electrical properties

Service life of battery	5 years (typical)

Supply

Supply voltage	24 V DC ±20%
Supply voltage range	18 V ... 32 V
Power supply unit	24 V DC ±20 %
Max. current consumption	1.81 A (max. system configuration at 24 V DC)
Typical current consumption	0.9 A (max. system configuration at 24 V DC)

Real-time clock	
Realtime clock	Yes (battery-backed)

Mounting

Mounting type	Front mounting

Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Aluminum cast alloy, powder-coated

Connection data

Connection method	Screw connection
Conductor cross section, rigid	0.2 mm² ... 2.5 mm²
Conductor cross section, flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.25 mm² ... 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm² ... 2.5 mm²
Stripping length	7 mm

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP66 (front), IP20 (back)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	5 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 85 % (non-condensing)
Vibration (operation)	1g

Dimensions

External dimensions	
Width / Height / Depth	302 mm / 229 mm / 51 mm (Dimensions of the front plate)

Installation dimensions	
Width / Height / Installation depth	292 mm / 219 mm / (Installation cutout)

PHŒNIX CONTACT

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/au/products/1190420

CB scheme   **IECEE CB Scheme**
Approval ID: US-39088-UL

UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

CB scheme   **IECEE CB Scheme**
Approval ID: US-39088-UL

cUL Listed
Approval ID: E238705

UL Listed
Approval ID: E238705

TP 6121-WXPS - Touch panel

1190420

https://www.phoenixcontact.com/au/products/1190420

Classifications

ECLASS

ECLASS-13.0	27330201

ETIM

ETIM 9.0	EC001412

UNSPSC

UNSPSC 21.0	43211900

TP 6121-WXPS - Touch panel

1190420

https://www.phoenixcontact.com/au/products/1190420

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-15
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)