

TP 6101-WXPS - Touch panel

1190417



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IP66 Touch panel with 10.1-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                          | 1190417                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DR17                           |
| Product key                          | DRCADC                         |
| GTIN                                 | 4063151239176                  |
| Weight per piece (including packing) | 2,260 g                        |
| Weight per piece (excluding packing) | 2,100 g                        |
| Customs tariff number                | 84714100                       |
| Country of origin                    | TW                             |

## Technical data

## Notes

## Note on application

Note on application

Only for industrial use

## Product properties

|                       |                                |
|-----------------------|--------------------------------|
| 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          | 25.9 cm / 10.2"-TFT            |
| Screen resolution     | 1280 x 800 Pixel(s) (WXGA)     |
| Touch technology      | projective-capacitive (PCAP)   |
| Display lighting type | LED                            |
| Brightness            | 500 cd/m² typical (adjustable) |
| MTBF                  | 50000 h                        |
| Color spectrum        | 16.7 million colors            |
| Reading angle left    | 85.00 °                        |
| Reading angle right   | 85.00 °                        |
| Reading angle top     | 85.00 °                        |
| Reading angle bottom  | 85.00 °                        |

## Interfaces

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

## 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 $\pm 20\%$                            |
| Supply voltage range        | 18 V ... 32 V                                 |
| Power supply unit           | 24 V DC $\pm 20\%$                            |
| Max. current consumption    | 1.81 A (max. system configuration at 24 V DC) |
| Typical current consumption | 0.79 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 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>  |
| Conductor cross section, flexible                                     | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG                                           | 24 ... 12                                    |
| Conductor cross section, flexible, with ferrule, with plastic sleeve  | 0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve | 0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| 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 | 263 mm / 200 mm / 51 mm (Dimensions of the front plate) |
|------------------------|---------------------------------------------------------|

## Installation dimensions

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Width / Height / Installation depth | 252 mm / 189 mm / (Installation cutout) |
|-------------------------------------|-----------------------------------------|

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1190417>



**IECEE CB Scheme**

Approval ID: US-39088-UL



**UL Listed**

Approval ID: E238705



**cUL Listed**

Approval ID: E238705



Classifications

ECLASS

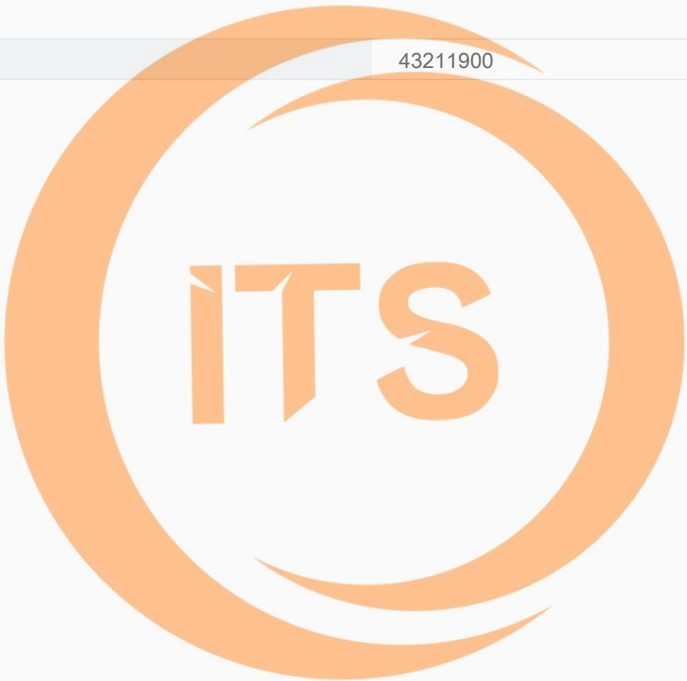
|             |          |
|-------------|----------|
| ECLASS-11.0 | 27330201 |
| ECLASS-12.0 | 27330201 |
| ECLASS-13.0 | 27330201 |

ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001412 |
|----------|----------|

UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 43211900 |
|-------------|----------|



## 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)                 |
| SCIP                                | 0f2dd68f-9bac-4906-a8d2-c2ccdf8bc5e2 |

  
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