

TPE057SGV/200130003 S00122 - Touch panel



2401643

<https://www.phoenixcontact.com/us/products/2401643>

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Similar figure

Rugged-Touch panel, 14.5 cm / 5.7"-TFT display (analog resistive (polyester)), 640 x 480 pixel(s) (VGA), 262144 colors, Arm® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, Visu+, without bus system.

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2401643 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | DR17 |
| Product key | DRCACC |
| GTIN | 4055626341347 |
| Weight per piece (including packing) | 700 g |
| Weight per piece (excluding packing) | 700 g |
| Customs tariff number | 84714100 |
| Country of origin | DE |

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Technical data

Notes

Utilization restriction

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

Product properties

| | |
|--------------|----------------|
| Product type | Operator panel |
| Application | Rugged |

Computer data

| | |
|---------------------|-----------------------------|
| Processor | Arm® Cortex®-A8, 1000 MHz |
| Operating system | Windows® Embedded Compact 7 |
| RAM | 512 MB LPDDR SDRAM |
| Data storage system | NAND-Flash, 256 MB |
| Slots | 1x SD |

Display

| | |
|-----------------------|--|
| Display type | 14.5 cm / 5.7"-TFT |
| Screen resolution | 640 x 480 Pixel(s) (VGA) |
| Touch technology | analog resistive (polyester) |
| Display lighting type | LED |
| Brightness | 400 cd/m ² , typical (adjustable) |
| MTBF | 40000 h |
| Color spectrum | 262144 colors |
| Reading angle left | 65.00 ° |
| Reading angle right | 65.00 ° |
| Reading angle top | 55.00 ° |
| Reading angle bottom | 52.00 ° |

Interfaces

| | |
|------------|----------------------------------|
| Interfaces | 2x USB Host 2.0 |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Bus system | without bus system |

System properties

| | |
|---------------|-------|
| User software | Visu+ |
|---------------|-------|

Electrical properties

| | |
|-------------------------|-------------------|
| Service life of battery | 5 years (typical) |
|-------------------------|-------------------|

Supply

| | |
|--------------------------|---------------|
| Power supply unit | 24 V DC ±20 % |
| Max. current consumption | 0.3 A |

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Real-time clock

| | |
|----------------|-----|
| Realtime clock | Yes |
|----------------|-----|

Mounting

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|---------------|----------------|
| Mounting type | Front mounting |
|---------------|----------------|

Material specifications

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|----------------------|-----------------------------|
| Material front plate | Aluminum (natural anodized) |
| Housing material | Steel sheet, zinc-plated |

Environmental and real-life conditions

Ambient conditions

| | |
|---|--------------------------------------|
| Degree of protection | IP65 (front), IP20 (back) NEMA 4X |
| Ambient temperature (operation) | -20 °C ... 70 °C |
| Ambient temperature (storage/transport) | -30 °C ... 80 °C |
| Altitude | 3000 mm |
| Permissible humidity (operation) | 20 % ... 85 % |
| Shock | 15g, according to IEC 60068-2-27 |
| Vibration (operation) | 1g, according to EN 60068-2-6 |

Dimensions

External dimensions

| | |
|------------------------|--|
| Width / Height / Depth | 168 mm / 132 mm / 5 mm (Dimensions of the front plate) |
|------------------------|--|

Installation dimensions

| | |
|-------------------------------------|---|
| Width / Height / Installation depth | 160 mm / 118 mm / 42 mm (Mounting cutout, depth with bus if bus system present in the device) |
|-------------------------------------|---|

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Environmental product compliance

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. |
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EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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