

TP057BTV/A00390009 S00131 - Touch panel



2401662

<https://www.phoenixcontact.com/us/products/2401662>

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Touch panel, 14.5 cm / 5.7"-TFT display (analog resistive (polyester)), 640 x 480 pixel(s) (VGA), 262144 colors, Intel® Atom™ E3815 1.46 GHz, 4x USB Host 2.0, 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Compact 7, Open platform, without bus system.

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2401662 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DRCABA |
| GTIN | 4055626373027 |
| Weight per piece (including packing) | 800 g |
| Weight per piece (excluding packing) | 800 g |
| Country of origin | DE |

Technical data

Notes

Utilization restriction

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

Product properties

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|--------------|----------------|
| Product type | Operator panel |
|--------------|----------------|

Computer data

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|---------------------|-------------------------------------|
| Processor | Intel® Atom™ E3815 1.46 GHz |
| Operating system | Windows® Embedded Compact 7 |
| RAM | 2 GB DDR3 |
| Data storage system | Flash, 4 GB (integrated) |
| Slots | 1x SD |
| Extras | Integrated acoustic signal (buzzer) |

Display

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|-----------------------|--|
| 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

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|------------|--------------------------------------|
| Interfaces | 4x USB Host 2.0 |
| Network | 2x Ethernet (10/100/1000 Mbps), RJ45 |
| Bus system | without bus system |

System properties

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|---------------|---------------|
| User software | Open platform |
|---------------|---------------|

Electrical properties

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

Supply

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|--------------------------|---------------|
| Power supply unit | 24 V DC ±20 % |
| Max. current consumption | 0.5 A |

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Real-time clock

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

Mounting

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

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|---|--------------------------------------|
| Degree of protection | IP65 (front), IP20 (back) NEMA 4X |
| Ambient temperature (operation) | 0 °C ... 50 °C |
| Ambient temperature (storage/transport) | -25 °C ... 80 °C |
| Altitude | 3000 m |
| 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

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|------------------------|--|
| Width / Height / Depth | 168 mm / 126 mm / 5 mm (Dimensions of the front plate) |
|------------------------|--|

Installation dimensions

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|-------------------------------------|---|
| Width / Height / Installation depth | 160 mm / 118 mm / 54 mm (Mounting cutout, depth with bus if bus system present in the device) |
|-------------------------------------|---|

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Environmental product compliance

China RoHS

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|--|--|
| 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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