# TP35AT/702000 S00016 - Touch panel

2401046

https://www.phoenixcontact.com/us/products/2401046

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Similar figure

Touch panel; 8.9 cm / 3.5"-TFT display (analog resistive (polyester)); 320 x 240 pixel(s) (QVGA); 65536 colors; Processor: Arm9™, 200 MHz; Interfaces: 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45; Operating system: Windows® CE 5.0; Software: IniNet Browser; without bus system

## Commercial data

| | |
|---|---|
| Item number | 2401046 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DRCABD |
| GTIN | 4055626096797 |
| Weight per piece (including packing) | 430 g |
| Weight per piece (excluding packing) | 430 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

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

Computer data

| | |
|---|---|
| Processor | Arm9™, 200 MHz |
| Operating system | Windows® CE 5.0 |
| RAM | 64 MB SDRAM |
| | 512 KB SRAM |
| Data storage system | NOR-Flash, 32 MB |

Display

| | |
|---|---|
| Display type | 8.9 cm / 3.5"-TFT |
| Screen resolution | 320 x 240 Pixel(s) (QVGA) |
| Touch technology | analog resistive (polyester) |
| Display lighting type | LED |
| Brightness | 350 cd/m², typical (adjustable) |
| MTBF | 40000 h |
| Color spectrum | 65536 colors |
| Reading angle left | 75.00 ° |
| Reading angle right | 75.00 ° |
| Reading angle top | 55.00 ° |
| Reading angle bottom | 75.00 ° |

## Interfaces

| | |
|---|---|
| Interfaces | 2x USB Host 2.0 |
| Optional interfaces | none |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Bus system | without bus system |

## System properties

| | |
|---|---|
| User software | IniNet Browser |

## Electrical properties

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

Supply

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

Real-time clock

| | |
|---|---|
| Real-time clock | Yes |

## Mounting

| | |
|---|---|
| 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) | 0 °C ... 50 °C |
| Ambient temperature (storage/transport) | -25 °C ... 70 °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

| | |
|---|---|
| Width / Height / Depth | 120 mm / 90 mm / 5 mm (Dimensions of the front plate) |

Installation dimensions

| | |
|---|---|
| Width / Height / Installation depth | 112 mm / 82 mm / 47 mm (Mounting cutout, depth with bus if bus system present in the device) |

## 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. |

EU REACH SVHC

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

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