# TP105AT/762000 S00001 - Touch panel

2400820

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Touch panel; 26.4 cm / 10.4"-TFT display (analog resistive (polyester)); 800 x 600 pixel(s) (SVGA); 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: TSvisRT; INTERBUS 512 kbps

## Commercial data

| | |
|---|---|
| Item number | 2400820 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DRCABB |
| GTIN | 4055626097336 |
| Weight per piece (including packing) | 1,800 g |
| Weight per piece (excluding packing) | 1,800 g |
| Country of origin | DE |

# Technical data

## 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 | 26.4 cm / 10.4"-TFT |
| Screen resolution | 800 x 600 Pixel(s) (SVGA) |
| Touch technology | analog resistive (polyester) |
| Display lighting type | LED |
| Brightness | 340 cd/m² typical (adjustable) |
| MTBF | 50000 h |
| Color spectrum | 65536 colors |
| Reading angle left | 70.00 ° |
| Reading angle right | 70.00 ° |
| Reading angle top | 50.00 ° |
| Reading angle bottom | 60.00 ° |

## Interfaces

| | |
|---|---|
| Interfaces | 2x USB Host 2.0 |
| Optional interfaces | none |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Bus system | INTERBUS 512 kbps |

## System properties

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|---|---|
| User software | TSvisRT |

## Electrical properties

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

### Supply

| | |
|---|---|
| Power supply unit | 24 V DC ±20 % |
| Typical current consumption | 0.6 A |

### Real-time clock

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

## Mounting

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

## Material specifications

| | |
|---|---|
| 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 | 295 mm / 220 mm / 5 mm (Dimensions of the front plate) |

### Installation dimensions

| | |
|---|---|
| Width / Height / Installation depth | 287 mm / 212 mm / 67 mm (Mounting cutout, depth with bus if bus system present in the device) |

## Classifications

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 43211904 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 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) |

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