

TPM70XIT-12/3203C3600 S00052 - Touch panel



2401610

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Maritime-Touch panel, 17.8 cm / 7"-TFT display (Resistive industrial touch screen), 800 x 480 pixel(s) (WVGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 6.0, Open platform, without bus system.

Similar figure

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2401610 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DRCBBA |
| GTIN | 4055626274522 |
| Weight per piece (including packing) | 1,000 g |
| Weight per piece (excluding packing) | 1,000 g |
| Country of origin | DE |

Technical data

Product properties

| | |
|--------------|----------------|
| Product type | Operator panel |
| Application | Maritime |

Computer data

| | |
|---------------------|---------------------------|
| Processor | Xscale® PXA320, 806 MHz |
| Operating system | Windows® CE 6.0 |
| RAM | 128 MB SDRAM 1 MB SRAM |
| Data storage system | NAND-Flash, 1 GB |
| Extras | Maritime with keys |

Display

| | |
|-----------------------|--|
| Display type | 17.8 cm / 7"-TFT |
| Screen resolution | 800 x 480 Pixel(s) (WVGA) |
| Touch technology | Resistive industrial touch screen |
| Display lighting type | LED |
| Brightness | 350 cd/m ² , typical (adjustable) |
| MTBF | 40000 h |
| Color spectrum | 262144 colors |
| Reading angle left | 70.00 ° |
| Reading angle right | 70.00 ° |
| Reading angle top | 65.00 ° |
| Reading angle bottom | 65.00 ° |

Interfaces

| | |
|---------------------|----------------------------------|
| Interfaces | 2x USB host 1.1 |
| Optional interfaces | CF slot |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Bus system | without bus system |

System properties

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

Electrical properties

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

Supply

| | |
|-----------------------------|---------------|
| Power supply unit | 24 V DC ±20 % |
| Typical current consumption | 0.7 A |

Real-time clock

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

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Mounting

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

Material specifications

| | |
|----------------------|---------------------------|
| Material front plate | Aluminum (black 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 ... 55 °C |
| Ambient temperature (storage/transport) | -25 °C ... 70 °C |
| Altitude | 3000 m |
| Permissible humidity (operation) | 20 % ... 85 % (non-condensing) |
| Shock | 15g, according to IEC 60068-2-27 |
| Vibration (operation) | 0.7g, in accordance with EN 60068-2-6 |

Dimensions

External dimensions

| | |
|------------------------|--|
| Width / Height / Depth | 203 mm / 165 mm / 5 mm (Dimensions of the front plate) |
|------------------------|--|

Installation dimensions

| | |
|-------------------------------------|---|
| Width / Height / Installation depth | 157 mm / 195 mm / 49 mm (Mounting cutout, depth with bus if bus system present in the device) |
|-------------------------------------|---|

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