

Touch panel - TPM11AM/022361 S00001 - 2401362

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Maritime-Touch panel with 9.7 cm / 3.8"-FSTN-display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 5 grayscales, Arm9™, 200 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and user software: TSvisRT. (bus system: without)

Similar figure

RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 055626 145976 |
| GTIN | 4055626145976 |

Technical data

Dimensions

| | |
|---|---|
| Outer dimensions: width, height, depth | 155 mm x 96 mm x 5 mm (Dimensions of the front plate) |
| Installation dimensions: width, height, depth | 147 mm x 88 mm x 35 mm |

Display

| | |
|------------------------|------------------------------|
| Display type | 9.7 cm / 3.8"-FSTN |
| Screen resolution | 320 x 240 Pixel(s) (QVGA) |
| Touch technology | analog resistive (polyester) |
| Brightness | 90 cd/m ² |
| Backlighting | LED |
| Display backlight MTBF | 30000 h |
| Colors | 5 grayscales |
| Reading angle left | 40 ° |
| Reading angle right | 40 ° |
| Reading angle top | 40 ° |
| Reading angle bottom | 40 ° |

Computer data

| | |
|-----------|----------------|
| Processor | Arm9™, 200 MHz |
|-----------|----------------|

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Technical data

Computer data

| | |
|-------------------------|----------------------------------|
| Operating system | Windows® CE 5.0 |
| User software | TSvisRT |
| RAM | 512 KB SRAM |
| Mass storage | NOR-Flash, 32 MB |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Interfaces | 2x USB Host 2.0 |
| Bus system | without |
| Optional interfaces | none |
| Realtime clock | Yes |
| Service life of battery | 5 years (typical) |

General

| | |
|----------------------|---------------------------|
| Extras | Maritime without keys |
| Material front plate | Aluminum (black anodized) |
| Housing material | Steel sheet, zinc-plated |
| Mounting type | Front installation |
| Weight | 500 g |

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 |
| Permissible humidity (operation) | 20 % ... 85 % |
| Vibration (operation) | 0.7g, according to EN 60068-2-6 |
| Shock | 15g, according to IEC 60068-2-27 |

Device supply

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

Standards and Regulations

| | |
|-----------------------|----------------------------------|
| Shock | 15g, according to IEC 60068-2-27 |
| Vibration (operation) | 0.7g, according to EN 60068-2-6 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 15; |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27330200 |
|------------|----------|

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.1 | 27330200 |
| eCl@ss 5.0 | 27330200 |
| eCl@ss 5.1 | 27330200 |
| eCl@ss 6.0 | 27242300 |
| eCl@ss 7.0 | 27242302 |
| eCl@ss 8.0 | 27242302 |
| eCl@ss 9.0 | 27330201 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC001412 |
| ETIM 5.0 | EC001412 |
| ETIM 6.0 | EC001412 |
| ETIM 7.0 | EC001412 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 43211904 |
| UNSPSC 19.0 | 43211904 |

Accessories

Accessories

Battery module

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery



Mounting material

Mounting material - HMI SCB MOUNTING KIT 4 - 2701384



HMI mounting kit for installation on a front plate. The mounting kit includes 4 x mounting brackets, 4 x screw threads, and a hexagonal wrench.

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Accessories

Mounting material - HMI SCB MOUNTING KIT 6 - 2701385



HMI mounting kit for installation on a front plate. The mounting kit includes 6 x mounting brackets, 6 x screw threads, and a hexagonal wrench.

Mounting material - HMI SCB MOUNTING KIT 8 - 2701387



HMI mounting kit for installation on a front plate. The mounting kit includes 8 x mounting brackets, 8 x screw threads, and a hexagonal wrench.

Mounting material - HMI WALL MOUNTING KIT - 2701380



HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.

Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for analog-resistive HMIs, silver coated. Delivery includes self-adhesive pen holder.

PCB plug

Printed-circuit board connector - MSTB 2,5/ 3-STF BD:1-3 - 1896381



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Storage medium

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Accessories

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

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