

Touch panel - TP57AT/782000 S00001 - 2401113

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Touch panel with 14.5 cm/5.7" TFT active-display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 65536 colors, Arm9™, 200 MHz, 2x USB host 2.0, 1x COM (RS-232/485), 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and user software: TSvisRT. (bus system: without)



Key Commercial Data

| | |
|----------------------|---------------|
| Packing unit | 1 |
| GTIN | |
| GTIN | 4055626096162 |
| Custom tariff number | 84714100 |

Technical data

Dimensions

| | |
|---|---|
| Outer dimensions: width, height, depth | 168 mm x 126 mm x 5 mm (Dimensions of the front plate) |
| Installation dimensions: width, height, depth | 160 mm x 118 mm x 54 mm (Mounting cutout, depth with bus if bus system present in the device) |

Display

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|------------------------|--|
| Display type | 14.5 cm/5.7" TFT active |
| Screen resolution | 320 x 240 Pixel(s) (QVGA) |
| Touch technology | analog resistive (polyester) |
| Brightness | 400 cd/m ² , typical (adjustable) |
| Backlighting | LED |
| Display backlight MTBF | 40000 h |
| Colors | 65536 colors |
| Reading angle left | 75 ° |
| Reading angle right | 75 ° |

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Technical data

Display

| | |
|----------------------|------|
| Reading angle top | 60 ° |
| Reading angle bottom | 75 ° |

Computer data

| | |
|-------------------------|----------------------------------|
| Processor | Arm9™, 200 MHz |
| Operating system | Windows® CE 5.0 |
| User software | TSvisRT |
| RAM | 64 MB SDRAM |
| | 512 KB SRAM |
| Mass storage | NOR-Flash, 32 MB |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Interfaces | 2x USB Host 2.0 |
| | 1x COM (RS-232/485) |
| Bus system | without |
| Optional interfaces | none |
| Realtime clock | Yes |
| Service life of battery | 5 years (typical) |

General

| | |
|----------------------|-----------------------------|
| Material front plate | Aluminum (natural anodized) |
| Housing material | Steel sheet, zinc-plated |
| Mounting type | Front installation |
| Weight | 690 g |

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 |
| Permissible humidity (operation) | 20 % ... 85 % |
| Vibration (operation) | 1g, according to EN 60068-2-6 |
| Shock | 15g, according to IEC 60068-2-27 |

Device supply

| | |
|-----------------------------|---------------|
| Typical current consumption | 0.4 A |
| Power supply unit | 24 V DC ±20 % |

Standards and Regulations

| | |
|-----------------------|----------------------------------|
| Shock | 15g, according to IEC 60068-2-27 |
| Vibration (operation) | 1g, according to EN 60068-2-6 |

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Technical data

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| 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 10.0.1 | 27330201 |
| eCl@ss 11.0 | 27330201 |
| eCl@ss 4.0 | 27330200 |
| 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 9.0 | 27330201 |

ETIM

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

UNSPSC

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|-------------|----------|
| UNSPSC 13.2 | 43211904 |
| UNSPSC 18.0 | 43211904 |
| UNSPSC 19.0 | 43211904 |
| UNSPSC 20.0 | 43211904 |
| UNSPSC 21.0 | 43211904 |

Approvals

Approvals

Approvals


UL Listed / cUL Listed / cULus Listed


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Approvals

Ex Approvals

Approval details

| | | | |
|-----------|---|---|---------------|
| UL Listed |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 205795 |
|-----------|---|---|---------------|

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| cUL Listed |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 205795 |
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| cULus Listed |  | | |
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