

Touch panel - TP 3090W/P - 2403460

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Touch panel with 22.9 cm/9" TFT-display (Projective-capacitive (PCAP)), 800 x 480 Pixel(s) (WVGA), 16.7 million colors, ARM® Cortex®-A8, 1000 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+. (bus system: without)


Similar figure

Why buy this product

- Robust and sturdy, thanks to glass front suitable for industrial use
- Fast response and display refresh, thanks to powerful processor
- Flexible connection to third-party systems by means of various drivers
- Integrated Visu+ visualization software
- Mobile system access with the Visu+ mobile app



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 355214 |
| GTIN | 4055626355214 |

Technical data

Note

| | |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

Dimensions

| | |
|---------------------------------------|-------------------------------|
| External dimension, width | 271 mm |
| External dimension, height | 179 mm |
| External dimension, depth | 6 mm |
| Note regarding external dimension | Dimensions of the front plate |
| Installation dimension, width | 261 mm |
| Installation dimension, height | 169 mm |
| Installation dimension, depth | 53 mm |
| Note regarding installation dimension | Installation cutout |

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Technical data

Display

| | |
|------------------------|------------------------------|
| Display | 22.9 cm/9" TFT |
| Screen resolution | 800 x 480 Pixel(s) (WVGA) |
| Backlighting | LED |
| Display backlight MTBF | 70000 h |
| Touch technology | Projective-capacitive (PCAP) |
| Colors | 16.7 million colors |

Computer data

| | |
|-------------------------|----------------------------------|
| Processor | ARM® Cortex®-A8, 1000 MHz |
| Operating systems | Windows® Embedded Compact 7 |
| User software | Visu+ |
| RAM | 512 MB LPDDR RAM |
| Mass storage | NAND-Flash, 1 GB |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Interfaces | 2x USB host 2.0 |
| Bus system | without |
| Slots | 1x SD |
| Realtime clock | Yes (battery-backed) |
| 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 | 1800 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 % (non-condensing) |
| Permissible humidity (storage/transport) | 20 % ... 85 % (non-condensing) |
| Vibration (operation) | DIN EN 60068-2-6 |
| Shock | DIN EN 60068-2-27 |

Device supply

| | |
|-----------------------------|---------------------|
| Supply voltage | 24 V DC |
| Supply voltage range | 18 V DC ... 30 V DC |
| Typical current consumption | typ. 0.8 A |
| Power consumption | typ. 19.2 W |
| Power supply unit | 24 V DC ±20 % |

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Technical data

Standards and Regulations

| | |
|-----------------------|-------------------|
| Shock | DIN EN 60068-2-27 |
| Vibration (operation) | DIN 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" |

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

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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