

Touch panel - BTP 2043W - 1050387

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Touch panel with 10,92 cm / 4,3"-TFT-display (analog resistive (polyester)), 480 x 272 pixel(s) (WQVGA), 262144 colors, Arm9™ i.MX28, 454 MHz, 2x COM (RS-232/422/485), 1x USB 2.0, Typ A, 1x USB 2.0, Typ B, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 6.0 and user software: Visu+. (bus system: without)

Similar figure

Your advantages

- Visu+ RT integrated as standard in all BTP 2000 devices
- Connection to all relevant control systems, thanks to a large number of available drivers
- Developed for basic applications with attractive price/performance ratio
- 3 display sizes in 16:9 format



Key Commercial Data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4055626666587 |
| Weight per Piece (excluding packing) | 320.000 g |
| Custom tariff number | 84714100 |
| Country of origin | India |

Technical data

Note

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

Dimensions

| | |
|---|---|
| Outer dimensions: width, height, depth | 120 mm x 89 mm x 5 mm (Dimensions of the front plate) |
| Installation dimensions: width, height, depth | 111 mm x 80 mm x 31.5 mm (Installation cutout) |

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Technical data

Display

| | |
|------------------------|--|
| Display type | 10,92 cm / 4,3"-TFT |
| Screen resolution | 480 x 272 Pixel(s) (WQVGA) |
| Touch technology | analog resistive (polyester) |
| Brightness | 400 cd/m ² , typical (adjustable) |
| Backlighting | LED |
| Display backlight MTBF | 20000 h |
| Colors | 262144 colors |
| Reading angle left | 70 ° |
| Reading angle right | 70 ° |
| Reading angle top | 50 ° |
| Reading angle bottom | 70 ° |

Computer data

| | |
|------------------|----------------------------------|
| Processor | Arm9™ i.MX28, 454 MHz |
| Operating system | Windows® CE 6.0 |
| User software | Visu+ |
| RAM | 128 MB DDR2 SDRAM |
| Mass storage | Flash, 512 MB |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Interfaces | 2x COM (RS-232/422/485) |
| | 1x USB 2.0, Typ A |
| | 1x USB 2.0, Typ B |
| Bus system | without |
| Slots | 1x SD |

General

| | |
|----------------------|--------------------|
| Material front plate | Plastic |
| Housing material | Plastic |
| Mounting type | Front installation |
| Weight | 200 g |

Ambient conditions

| | |
|--|--------------------------------|
| Degree of protection | IP66 (front), IP20 (back) |
| Ambient temperature (operation) | 0 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 85 °C |
| Permissible humidity (operation) | 10 % ... 95 % (non-condensing) |
| Permissible humidity (storage/transport) | 10 % ... 95 % (non-condensing) |
| Vibration (operation) | DIN EN 60068-2-6 |
| Shock | DIN EN 60068-2-27 |

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Technical data

Device supply

| | |
|-----------------------------|---------------|
| Typical current consumption | 0.17 A |
| Power supply unit | 24 V DC ±15 % |

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 = 50 years |
| | 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

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

Approvals

Approvals

Approvals

EAC-RoHS / EAC

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Approvals

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

| | | |
|----------|---|--------------------------|
| EAC-RoHS |  | RU*- DE*35.B.00394/20 |
|----------|---|--------------------------|

| | | |
|-----|---|--------------------------|
| EAC |  | RU*- DE*08.B.00004/18 |
|-----|---|--------------------------|

Accessories

Accessories

Data plug

D-SUB gender changer - VS-09-GC-ST/ST - 1652651



D-SUB contact insert, shell size 1, with nine signal contacts, type of contact pin, gender changer, fixing with 4-40 UNC thread

Operating stylus

Touch pen - TOUCH PEN - 2701379



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

PCB plug

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Accessories

Printed-circuit board connector - MSTB 2,5/ 3-ST-5,08 - 1757022



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, number of potentials: 3, Number of rows: 1, Number of positions per row: 3, number of connections: 3, product range: MSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, Locking clip: - Locking clip, plug-in system: CLASSIC COMBICON, Locking: without, mounting: without, type of packaging: packed in cardboard

Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

Memory - MICROSDHC-16GB - 1154696



Industrial grade 16 GB MicroSDHC 3DTLC

Memory - MICROSDHC-32GB - 1154699



Industrial grade 32 GB MicroSDHC 3DTLC