

Touch panel - BWP 2070W - 1060632

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Touch panel with 17.8 cm/7" TFT-display (analog resistive (polyester)), 800 x 480 pixel(s) (WVGA), 16.7 million colors, i.MX 6DualLite, 454 MHz, 1x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Yocto/Linux and user software: QT browser. (bus system: without)



Key Commercial Data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4055626711652 |
| Weight per Piece (excluding packing) | 678.500 g |
| Custom tariff number | 84715000 |
| Country of origin | India |
| Sales Key | DRCEBF |

Technical data

Note

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

Dimensions

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|---|--|
| Outer dimensions: width, height, depth | 186 mm x 138 mm x 5 mm (Dimensions of the front plate) |
| Installation dimensions: width, height, depth | 175 mm x 127 mm x 31 mm (Installation cutout) |

Display

| | |
|------------------------|------------------------------|
| Display type | 17.8 cm/7" TFT |
| Screen resolution | 800 x 480 Pixel(s) (WVGA) |
| Touch technology | analog resistive (polyester) |
| Brightness | 350 cd/m ² |
| Backlighting | LED |
| Display backlight MTBF | 25000 h |
| Colors | 16.7 million colors |

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Technical data

Display

| | |
|----------------------|------|
| Reading angle left | 70 ° |
| Reading angle right | 70 ° |
| Reading angle top | 50 ° |
| Reading angle bottom | 70 ° |

Computer data

| | |
|------------------|----------------------------------|
| Processor | i.MX 6DualLite, 454 MHz |
| Operating system | Yocto/Linux |
| User software | QT browser |
| RAM | 1 GB DDR2 |
| Mass storage | Flash eMMC, 4 GB |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Interfaces | 1x USB Host 2.0 |
| Bus system | without |

General

| | |
|------------------|--------------------|
| Housing material | Plastic |
| Mounting type | Front installation |
| Weight | 400 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 |

Device supply

| | |
|-----------------------------|---------------|
| Typical current consumption | 0.25 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

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
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Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27330201 |
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Classifications

eCl@ss

| | |
|-------------|----------|
| eCl@ss 11.0 | 27330201 |
| 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 18.0 | 43211904 |
| UNSPSC 19.0 | 43211904 |
| UNSPSC 20.0 | 43211904 |
| UNSPSC 21.0 | 43211904 |

Approvals

Approvals

Approvals

EAC-RoHS / EAC

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

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

| | | |
|-----|--|-------------------|
| EAC | | RU*-DE*08.B.01618 |
|-----|--|-------------------|

Accessories

Accessories

Operating stylus

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Accessories

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-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