

# Touch panel - BWP 2102W - 1060630


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Touch panel with 25.9 cm / 10.2" TFT-display (analog resistive (polyester)), 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	 4 0 5 5 6 2 6 7 1 1 6 4 5
GTIN	4055626711645
Weight per Piece (excluding packing)	1,202.400 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
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### Dimensions

Outer dimensions: width, height, depth	268 mm x 190 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	256 mm x 178 mm x 33 mm (Installation cutout)

### Display

Display type	25.9 cm / 10.2" TFT
Screen resolution	1024 x 600 Pixel(s)
Touch technology	analog resistive (polyester)
Brightness	350 cd/m <sup>2</sup>
Backlighting	LED
Display backlight MTBF	25000 h
Colors	16.7 million colors

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## Technical data

### Display

Reading angle left	65 °
Reading angle right	65 °
Reading angle top	45 °
Reading angle bottom	65 °

### 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	900 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	0.35 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

ETIM 4.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

### UNSPSC

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
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EAC		RU*-DE*08.B.01618
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## Accessories

Accessories

Operating stylus

## Touch panel - BWP 2102W - 1060630

### Accessories

Touch pen - TOUCH PEN - 2701379



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

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### PCB plug

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



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, 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

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### Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB