

## Touch panel - BWP 2102W - 1060630


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Touch panel with 25.9 cm / 10.2" TFT-display (analog resistive (polyester)), 16.7 million colors, Arm® Cortex®-A9, 1 GHz, 1x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Yocto/Linux and user software: Otter 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)	1.000 g
Custom tariff number	84715000
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	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>

# Touch panel - BWP 2102W - 1060630

## Technical data

### Display

Backlighting	LED
Display backlight MTBF	25000 h
Colors	16.7 million colors
Reading angle left	65 °
Reading angle right	65 °
Reading angle top	45 °
Reading angle bottom	65 °

### Computer data

Processor	Arm® Cortex®-A9, 1 GHz
Operating system	Yocto/Linux
User software	Otter 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 (on the front), IP20 (on the 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

# Touch panel - BWP 2102W - 1060630

## Technical data

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

## Classifications

### eCl@ss

eCl@ss 10.0.1	27330201
eCl@ss 11.0	27330201
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

### ETIM

ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

## Accessories

### Accessories

#### Operating stylus

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-STF-5,08 - 1777992



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/..-STF, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, Stecksyst. system: CLASSIC COMBICON, Locking: Screw locking, type of packaging: packed in cardboard

## Touch panel - BWP 2102W - 1060630

### Accessories

---

#### Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

---