

# BWP 2043W - Web panel



1060549

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Web panel, 10.92 cm / 4.3"-TFT display (analog resistive), 480 x 272 pixel(s) (WQVGA), 16.7 million colors, i.MX 6DualLite, 1 GHz, 1x USB 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Yocto/Linux®, QT browser, without bus system.



## Commercial data

Item number	1060549
Packing unit	100 pc
Minimum order quantity	1 pc
Sales key	DR17
Product key	DRCEBF
GTIN	4055626711386
Weight per piece (including packing)	324 g
Weight per piece (excluding packing)	324 g
Customs tariff number	84714100
Country of origin	IN

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Operator panel
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#### Computer data

Processor	i.MX 6DualLite, 1 GHz
Operating system	Yocto/Linux®
RAM	1 GB DDR3 SDRAM
Data storage system	Flash eMMC, 4 GB

#### Display

Display type	10.92 cm / 4.3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Touch technology	analog resistive
Display lighting type	LED
Brightness	350 cd/m <sup>2</sup>
MTBF	20000 h
Color spectrum	16.7 million colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	50.00 °
Reading angle bottom	70.00 °

### Interfaces

Interfaces	1x USB 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

### System properties

User software	QT browser
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### Electrical properties

#### Supply

Supply voltage (DC)	24 V DC ±15 %
Supply voltage range	20.4 V DC ... 27.6 V DC
Power supply unit	24 V DC ±15 %
Typical current consumption	0.22 A

### Mounting

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Mounting type	Front mounting
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## Material specifications

Color (Housing)	black (RAL 9005)
Material front plate	Plastic
Housing material	Plastic

## Environmental and real-life conditions

### 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)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

## Dimensions

### External dimensions

Width / Height / Depth	120 mm / 89 mm / 5 mm (Dimensions of the front plate)
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### Installation dimensions

Width / Height / Installation depth	111 mm / 80 mm / 31.5 mm (Installation cutout)
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## Approvals

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**cUL Listed**

Approval ID: E196811



**UL Listed**

Approval ID: FILE E 196811

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## Classifications

### ECLASS

ECLASS-13.0	27330201
ECLASS-15.0	27330201

### ETIM

ETIM 10.0	EC001412
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### UNSPSC

UNSPSC 21.0	43211900
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	46.519 kg CO2e
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