

Web panel - BWP 2043W



1060549

<https://www.phoenixcontact.com/pc/products/1060549>

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Web panel with 10,92 cm / 4,3"-TFT-display (analog resistive (polyester)), 480 x 272 pixel(s) (WQVGA), 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)

Commercial Data

Item number	1060549
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	DRCEBF
Catalog Page	Page 468 (C-6-2019)
GTIN	4055626711386
Weight per Piece (including packing)	324.8 g
Weight per Piece (excluding packing)	324 g
Customs tariff number	84714100
Country of origin	IN

Technical Data

Product properties

Product type	Operator panel
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Computer data

Processor	i.MX 6DualLite, 454 MHz
Operating system	Yocto/Linux
RAM	1 GB DDR2
Data storage	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 (polyester)
Display lighting type	LED
Brightness	400 cd/m ²
MTBF	20000 h
Color spectrum	16.7 million colors
Reading angle left	70 °
Reading angle right	70 °
Reading angle top	50 °
Reading angle bottom	70 °

Software

User software	QT browser
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Interfaces

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

Electrical properties

Supply

Power supply unit	24 V DC ±15 %
Typical current consumption	0.22 A

Mounting

Mounting type	Front mounting
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Material specifications

Material front plate	Plastic
Housing material	Plastic

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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



EAC

Approval ID: RU*-DE*08.B.01618



EAC

Approval ID: RU*-DE*35.B.00394/20



cUL Listed

Approval ID: FILE E 196811



UL Listed

Approval ID: FILE E 196811

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Classifications

ECLASS

ECLASS-9.0	27330201
ECLASS-10.0.1	27330201
ECLASS-11.0	27330201

ETIM

ETIM 8.0	EC001412
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UNSPSC

UNSPSC 21.0	43211900
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Accessories

Touch pen

Touch pen - TOUCH PEN - 2701379

<https://www.phoenixcontact.com/pc/products/2701379>



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

PCB connector

PCB connector - MSTB 2,5/ 3-ST-5,08 - 1757022

<https://www.phoenixcontact.com/pc/products/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: 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: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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