PHŒNIX CONTACT

Touch panel - BWP 2043W - 1060549

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Touch 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: Otter Browser. (bus system: without)

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626711386
Weight per Piece (excluding packing)	320.000 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	120 mm x 89 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	111 mm x 80 mm x 31.5 mm (Installation cutout)

Display

Display type	10,92 cm / 4,3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Touch technology	analog resistive (polyester)
Brightness	400 cd/m²

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Technical data

Display

Backlighting	LED
Display backlight MTBF	20000 h
Colors	16.7 million colors
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	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

Material front plate	Plastic
Housing material	Plastic
Mounting type	Front installation
Weight	200 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	0.22 A
Power supply unit	24 V DC ±15 %

Standards and Regulations

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

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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 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

Approvals

Approvals

Approvals

EAC-RoHS / EAC

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

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

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

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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-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