

Touch panel - BTP 2102W



1046667

<https://www.phoenixcontact.com/pc/products/1046667>

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Touch panel with 25.7 cm / 10.1" TFT-display (analog resistive (polyester)), 1024 x 600 pixel(s) (WSVGA), 262144 colors, Arm[®] Cortex[®]-A7, 700 MHz i.MX6 UL, 2x COM (RS-232/422/485), 1x USB 2.0, Typ A, 1x USB 2.0, Typ B, 1 x Ethernet (10/100 Mbps), RJ45, Windows[®] Embedded Compact 7 and user software: Visu+. (bus system: without)

Your advantages

- Visu+ RT integrated as standard in all BTP 2000 devices
- Connection to all relevant control systems, thanks to a large number of available drivers
- Developed for basic applications with attractive price/performance ratio
- 3 display sizes in 16:9 format

Commercial Data

Item number	1046667
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	DRCEBC
Catalog Page	Page 471 (C-6-2019)
GTIN	4055626644103
Weight per Piece (including packing)	1,203.3 g
Weight per Piece (excluding packing)	900 g
Customs tariff number	84714100
Country of origin	IN

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Technical Data

Product properties

Product type	Operator panel
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Computer data

Processor	Arm® Cortex®-A7, 700 MHz i.MX6 UL
Operating system	Windows® Embedded Compact 7
RAM	512 MB DDR3 SDRAM
Data storage	eMMC, 4 GB
Slots	1x SD

Display

Display type	25.7 cm / 10.1" TFT
Screen resolution	1024 x 600 Pixel(s) (WSVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	300 cd/m ² , typical (adjustable)
MTBF	25000 h
Color spectrum	262144 colors
Reading angle left	65 °
Reading angle right	65 °
Reading angle top	45 °
Reading angle bottom	65 °

Software

User software	Visu+
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Interfaces

Interfaces	2x COM (RS-232/422/485)
	1x USB 2.0, Typ A
	1x USB 2.0, Typ B
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without

Electrical properties

Supply

Power supply unit	24 V DC ±15 %
Typical current consumption	0.3 A

Mounting

Mounting type	Front mounting
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Material specifications

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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	268 mm / 190 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	256 mm / 178 mm / 33 mm (Installation cutout)
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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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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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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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