BTP 2102W - Touch panel

1046667

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Touch panel, 25.7 cm / 10.1"-TFT display (analog resistive), 1024 x 600 pixel(s) (WSVGA), 16.7 million colors, Arm® Cortex®-A7, 528 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, Visu+, without bus system.

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	100 pc
Minimum order quantity	1 pc
Sales key	DR17
Product key	DRCEBC
GTIN	4055626644103
Weight per piece (including packing)	1,105 g
Weight per piece (excluding packing)	900 g
Customs tariff number	84714100
Country of origin	IN

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Operator panel

Computer data

Processor	Arm® Cortex®-A7, 528 MHz i.MX6 UL
Operating system	Windows® Embedded Compact 7
RAM	512 MB DDR3 SDRAM
Data storage system	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
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	25000 h
Color spectrum	16.7 million colors
Reading angle left	65.00 °
Reading angle right	65.00 °
Reading angle top	45.00 °
Reading angle bottom	65.00 °

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 bus system

System properties

User software	Visu+

Electrical properties

Supply

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

Mounting

Mounting type	Front mounting

Material specifications

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

Installation dimensions

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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1046667

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

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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 9.0	EC001412

UNSPSC

UNSPSC 21.0	43211900

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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