

BTP 2102W - Touch panel



1046667

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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.

Similar figure

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

BTP 2102W - Touch panel



1046667

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

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/m ² , 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

BTP 2102W - Touch panel



1046667

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

Mounting

Mounting type	Front mounting
---------------	----------------

Material specifications

Color (Housing)	black (RAL 9005)
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)
-------------------------------------	---

BTP 2102W - Touch panel



1046667

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

Approvals

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



cUL Listed

Approval ID: E196811



UL Listed

Approval ID: FILE E 196811

BTP 2102W - Touch panel



1046667

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

Classifications

ECLASS

ECLASS-13.0	27330201
ECLASS-15.0	27330201

ETIM

ETIM 10.0	EC001412
-----------	----------

UNSPSC

UNSPSC 21.0	43211900
-------------	----------

BTP 2102W - Touch panel



1046667

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

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

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

EU REACH SVHC

REACH candidate substance (CAS No.)	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)(CAS: 110-71-4)
-------------------------------------	---

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com