

BTP 2043W - Touch panel



1050387

<https://www.phoenixcontact.com/us/products/1050387>

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Touch panel, 10.92 cm / 4.3"-TFT display (analog resistive), 480 x 272 pixel(s) (WQVGA), 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	1050387
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR17
Product key	DRCEBC
GTIN	4055626666587
Weight per piece (including packing)	328.9 g
Weight per piece (excluding packing)	324 g
Customs tariff number	84715000
Country of origin	IN

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Technical data

Notes

Note on application

Note on application	Only for industrial use
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Product properties

Product type	Operator panel
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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	10.92 cm / 4.3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
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	70.00 °
Reading angle right	70.00 °
Reading angle top	50.00 °
Reading angle bottom	70.00 °

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+
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Electrical properties

Supply

Power supply unit	24 V DC ±15 %
Typical current consumption	0.17 A

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Mounting

Mounting type	Front mounting
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Material specifications

Material front plate	Plastic
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	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

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1050387>



EAC-RoHS

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



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



cUL Listed

Approval ID: E196811



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Approval ID: FILE E 196811



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Classifications

ECLASS

ECLASS-13.0	27330201
ECLASS-15.0	27330201

ETIM

ETIM 9.0	EC001412
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UNSPSC

UNSPSC 21.0	43211900
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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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