

# Touch panel - BTP 2043W - 1050387

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Touch panel with 10,92 cm / 4,3"-TFT-display (analog resistive (polyester)), 480 x 272 Pixel(s) (WQVGA), 262144 colors, ARM9™ i.MX28, 454 MHz, 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 CE 6.0 and user software: Visu+. (bus system: without)


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



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 666587
GTIN	4055626666587

## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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### Dimensions

External dimension, width	120 mm
External dimension, height	89 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	111 mm
Installation dimension, height	80 mm
Installation dimension, depth	31.5 mm
Note regarding installation dimension	Installation cutout

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## Technical data

### Display

Display	10,92 cm / 4,3"-TFT
Brightness	400 cd/m <sup>2</sup> , typical (adjustable)
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Backlighting	LED
Display backlight MTBF	20000 h
Touch technology	analog resistive (polyester)
Colors	262144 colors
Reading angle left	70 °
Reading angle right	70 °
Reading angle top	50 °
Reading angle bottom	70 °

### Computer data

Processor	ARM9™ i.MX28, 454 MHz
Operating system	Windows® CE 6.0
User software	Visu+
RAM	128 MB DDR2 SDRAM
Mass storage	Flash, 512 MB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x COM (RS-232/422/485)
	1x USB 2.0, Typ A
	1x USB 2.0, Typ B
Bus system	without
Slots	1x SD

### General

Material front plate	Plastic
Housing material	Plastic
Mounting type	Front installation
Weight	200 g

### Ambient conditions

Degree of protection	IP66 (on the front), IP20 (on the 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	0.17 A
Power supply unit	24 V DC ±15 %

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## Technical data

### Standards and Regulations

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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>