PHŒNIX CONTACT

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 666587
GTIN	4055626666587
Weight per Piece (excluding packing)	200.000 g
Custom tariff number	84714100
Country of origin	India

Technical data

Note

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

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

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Technical data

Dimensions

Installation dimension, depth	31.5 mm
Note regarding installation dimension	Installation cutout

Display

Display	10,92 cm / 4,3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Backlighting	LED
Display backlight MTBF	20000 h
Touch technology	analog resistive (polyester)
Colors	262144 colors

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 %

Standards and Regulations

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Standards and Regulations

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

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412

Accessories

Accessories

Data plug

D-SUB gender changer - VS-09-GC-ST/ST - 1652651

D-SUB contact insert, shell size 1, with nine signal contacts, type of contact pin, gender changer, fixing with 4-40 UNC thread

Operating stylus

Touch pen - TOUCH PEN - 2701379

Touch pen for HMIs, silver coated. Delivery includes self-adhesive pen holder.

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Accessories

PCB plug

Printed-circuit board connector - MSTB 2,5/ 3-STF-5,08 - 1777992

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Storage medium

USB memory stick - USB FLASH DRIVE - 2402809

USB memory stick, 8 GB