BTP 2070W - Touch panel

1046666

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Touch panel, 17.8 cm / 7"-TFT display (analog resistive), 800 x 480 pixel(s) (WVGA), 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	1046666
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR17
Product key	DRCEBC
GTIN	4055626642963
Weight per piece (including packing)	688.5 g
Weight per piece (excluding packing)	400 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	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
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+

Electrical properties

Supply

Power supply unit	24 V DC ±15 %
Typical current consumption	0.4 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	186 mm / 138 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	175 mm / 127 mm / 31 mm (Installation cutout)

Approvals

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cUL Listed
Approval ID: E196811

UL Listed
Approval ID: FILE E 196811

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, 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.)	No substance above 0.1 wt%

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