

2400713

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Touch panel, 17.8 cm / 7"-TFT display (analog resistive (polyester)), 800 x 480 pixel(s) (WVGA), 65536 colors, Arm9™, 200 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, TSvisRT, MPI.

Commercial data

Item number	2400713
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626097855
Weight per piece (including packing)	1,000 g
Weight per piece (excluding packing)	1,000 g
Country of origin	DE



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Technical data

Product properties

Product type	Operator panel
Computer data	
Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
RAM	64 MB SDRAM
	512 KB SRAM
Data storage system	NOR-Flash, 32 MB
Display	
Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	65536 colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	65.00 °
Reading angle bottom	65.00 °

Interfaces

Interfaces	2x USB Host 2.0
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	MPI

System properties

User software	TSvisRT

Electrical properties

Service life of battery	5 years (typical)
Supply	
Power supply unit	24 V DC ±20 %
Typical current consumption	0.5 A
Real-time clock	
Realtime clock	Yes

Mounting

Mounting type	Front mounting



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Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	0 °C 50 °C
Ambient temperature (storage/transport)	-25 °C 70 °C
Altitude	3000 m
Permissible humidity (operation)	20 % 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	203 mm / 147 mm / 5 mm (Dimensions of the front plate)
Installation dimensions	
installation dimensions	



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Classifications

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	ETIM 8.0	EC001412
UN	NSPSC	
	UNSPSC 21.0	43211900



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Environmental product compliance

EU RoHS

Yes 6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I
6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I
EFUP-15
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.

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