

TP104AT/782000 S00001 - Touch panel



2400799

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Touch panel with 26.4 cm/10.4" TFT display (analog resistive (polyester)), 640 x 480 pixel(s) (VGA), 65536 colors, Arm9™, 200 MHz, 2x USB host 2.0, 1x COM (RS-232/485), 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0 and user software: TSvisRT. (bus system: without)

Commercial data

Item number	2400799
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABB
GTIN	4055626097503
Weight per piece (including packing)	2,379 g
Weight per piece (excluding packing)	2,379 g
Customs tariff number	84714100
Country of origin	DE

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Technical data

Product properties

Product type	Operator panel
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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	26.4 cm/10.4" TFT
Screen resolution	640 x 480 Pixel(s) (VGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	360 cd/m ² typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	65.00 °
Reading angle bottom	80.00 °

Interfaces

Interfaces	2x USB Host 2.0
	1x COM (RS-232/485)
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without

System properties

User software	TSvisRT
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Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.6 A

Real-time clock

Realtime clock	Yes
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Mounting

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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	328 mm / 249 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	303 mm / 222 mm / 67 mm (Mounting cutout, depth with bus if bus system present in the device)
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