

# TP 1070T/703000 - Touch panel



2701167

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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, TSDiag, without bus system.

## Your advantages

- Easy device replacement, as the project is saved on the PLC
- Low maintenance costs, as projects are only adapted once
- Easy installation, low installation depth, and compact design
- Short startup time

## Commercial data

Item number	2701167
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABA
GTIN	4046356713382
Weight per piece (including packing)	253.2 g
Weight per piece (excluding packing)	253.2 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	128 MB SDRAM
Data storage system	Flash, 64 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	400 cd/m², typical (adjustable)
MTBF	> 50000 h
Color spectrum	65536 colors

### Interfaces

Interfaces	2x USB Host 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

### System properties

User software	TSDiag
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### Electrical properties

Supply	
Power supply unit	24 V DC ±20 %
Typical current consumption	0.5 A

### 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

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Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

## Dimensions

Width	203 mm
Height	147 mm
Depth	59 mm

### External dimensions

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

Width / Height / Installation depth	195 mm / 139 mm / 54 mm
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	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.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: n/a)
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