

TPE070AGW/107D60020 S00043 - Touch panel



2401237

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Rugged-Touch panel, 17.8 cm / 7"-TFT display (Analog resistive (GFG)), 800 x 480 pixel(s) (WVGA), 65536 colors, Arm9™, 184 MHz, 2x USB Host 2.0, RS-485, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 6.0, Open platform, without bus system.

Commercial data

Item number	2401237
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACA
GTIN	4055626095769
Weight per piece (including packing)	1,000 g
Weight per piece (excluding packing)	1,000 g
Country of origin	DE

Technical data

Product properties

Product type	Operator panel
Application	Rugged

Computer data

Processor	Arm9™, 184 MHz
Operating system	Windows® CE 6.0
RAM	128 MB SDRAM
	512 KB NV
Data storage system	NOR-Flash, 64 MB

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Analog resistive (GFG)
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
	RS-485
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	Open platform
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Electrical properties

Service life of battery	5 years (typical)
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Supply

Typical current consumption	0.3 A
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Real-time clock

Realtime clock	Yes
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Supply

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Power supply unit	24 V DC $\pm$ 20 %
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Mounting

Mounting type	Bolt fixing
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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	IP67 (front), IP20 (back) NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Altitude	4000 m
Permissible humidity (operation)	5 % ... 95 % (Front) 20 % ... 85 % (On the rear)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	234 mm / 174 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	200 mm / 140 mm / 65 mm (Mounting cutout, depth with bus if bus system present in the device)
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