

Touch panel - TP21AM/742000 S00001 - 2401017


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Touch panel with 14.5 cm/5.7" FSTN-display (analog resistive (polyester)), 320 x 240 Pixel(s) (QVGA), 5 grayscales, ARM9™, 200 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and user software: TSvisRT. (bus system: CAN)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 097053
GTIN	4055626097053

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

External dimension, width	203 mm
External dimension, height	147 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	195 mm
Installation dimension, height	139 mm
Installation dimension, depth	66 mm
Note regarding installation dimension	Mounting cutout, depth with bus if bus system present in the device

Display

Display	14.5 cm/5.7" FSTN
Screen resolution	320 x 240 Pixel(s) (QVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch technology	analog resistive (polyester)

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Technical data

Display

Colors	5 grayscales
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Computer data

Processor	ARM9™, 200 MHz
Operating systems	Windows® CE 5.0
User software	TSvisRT
RAM	64 MB SDRAM 512 KB SRAM
Mass storage	NOR-Flash, 32 MB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 2.0
Bus system	CAN
Optional interfaces	none
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation
Weight	680 g

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
Permissible humidity (operation)	20 % ... 85 %
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Typical current consumption	0.25 A
Power supply unit	24 V DC +/- 20 %

Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15; For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>