

TP35AM/743000 S00008 - Touch panel

2401040

<https://www.phoenixcontact.com/us/products/2401040>



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Touch panel, 8.9 cm / 3.5"-FSTN display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 256 grayscales, Arm9™, 200 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, Open platform, CAN.

Commercial data

Item number	2401040
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABA
GTIN	4055626096858
Weight per piece (including packing)	1,700 g
Weight per piece (excluding packing)	1,700 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
	512 KB SRAM
Data storage system	NOR-Flash, 64 MB
Display	
Display type	8.9 cm / 3,5"-FSTN
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	350 cd/m², typical (adjustable)
MTBF	40000 h
Color spectrum	256 grayscales
Reading angle left	75.00 °
Reading angle right	75.00 °
Reading angle top	55.00 °
Reading angle bottom	75.00 °

Interfaces

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

System properties

User software	Open platform

Electrical properties

Service life of battery	5 years (typical)

Supply

Typical current consumption	0.25 A

Real-time clock

Realtime clock	Yes

Supply

Power supply unit	24 V DC ±20 %

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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	120 mm / 90 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	112 mm / 82 mm / 47 mm (Mounting cutout, depth with bus system present in the device)
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Classifications

ETIM

ETIM 8.0

EC001412

UNSPSC

UNSPSC 21.0

43211900

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: 7439-92-1)
SCIP	7c989cc1-8d9b-4a9c-9abd-d082a31ae2ca

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