

Touch panel - TP57AM/702000 S00001 - 2401080

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Touch panel with 14.5 cm/5.7" FSTN-display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 256-step grayscale, 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: without)



Key Commercial Data

Packing unit	1
GTIN	
GTIN	4055626096490
Custom tariff number	84714100

Technical data

Dimensions

Outer dimensions: width, height, depth	168 mm x 126 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	160 mm x 118 mm x 54 mm (Mounting cutout, depth with bus if bus system present in the device)

Display

Display type	14.5 cm/5.7" FSTN
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	analog resistive (polyester)
Brightness	400 cd/m ² , typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h
Colors	256-step grayscale
Reading angle left	75 °
Reading angle right	75 °

Touch panel - TP57AM/702000 S00001 - 2401080

Technical data

Display

Reading angle top	60 °
Reading angle bottom	75 °

Computer data

Processor	Arm9™, 200 MHz
Operating system	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	without
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	690 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	0.4 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

Touch panel - TP57AM/702000 S00001 - 2401080

Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27330201
eCl@ss 11.0	27330201
eCl@ss 4.0	27330200
eCl@ss 4.1	27330200
eCl@ss 5.0	27330200
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

UNSPSC

UNSPSC 13.2	43211904
UNSPSC 18.0	43211904
UNSPSC 19.0	43211904
UNSPSC 20.0	43211904
UNSPSC 21.0	43211904

Approvals

Approvals

Approvals


UL Listed / cUL Listed / cULus Listed


Touch panel - TP57AM/702000 S00001 - 2401080

Approvals

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
-----------	---	---	---------------

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
------------	---	---	---------------

cULus Listed			
--------------	---	--	--