TP090SKW/200114041 S00127 - Touch panel

2401656

https://www.phoenixcontact.com/us/products/2401656

Touch panel, 22.9 cm / 9"-TFT display (Projective-capacitive, single-touch control), 800 x 480 pixel(s) (WVGA), 16.7 million colors, Arm® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, IniNet Browser, without bus system.

Commercial data

Item number	2401656
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCADD
GTIN	4055626346168
Weight per piece (including packing)	1,800 g
Weight per piece (excluding packing)	1,800 g
Country of origin	DE

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Technical data

Product properties

Product type	Operator panel

Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
RAM	1 MB SRAM
	512 MB LPDDR RAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD

Display

Display type	22.9 cm / 9"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Projective-capacitive, single-touch control
Display lighting type	LED
Brightness	800 cd/m², typical (adjustable)
MTBF	70000 h
Color spectrum	16.7 million colors
Reading angle left	85.00 °
Reading angle right	85.00 °
Reading angle top	85.00 °
Reading angle bottom	85.00 °

Interfaces

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

System properties

User software	IniNet Browser

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.8 A

Real-time clock

Realtime clock	Yes

Mounting

Mounting type	Front mounting

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	271 mm / 179 mm / 6 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	261 mm / 169 mm / 53 mm (Mounting cutout, depth with bus if bus system present in the device)

Classifications

UNSPSC

UNSPSC 21.0	43211904

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)