TP070SKW/200114041 S00127 - Touch panel

2401553

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Touch panel, 17.8 cm / 7"-TFT display (projective-capacitive (PCAP)), 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	2401553
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCADD
GTIN	4055626247489
Weight per piece (including packing)	1,100 g
Weight per piece (excluding packing)	1,100 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	512 MB LPDDR SDRAM
	1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	60.00 °
Reading angle bottom	60.00 °

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	0.4 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 ... 45 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	3000 m
Permissible humidity (operation)	5 % ... 95 % (front; non-condensing)
	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	208 mm / 149 mm / 6 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	201 mm / 141 mm / 53 mm

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)