OT 6M - Key panel

2985149

https://www.phoenixcontact.com/us/products/2985149

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Key panel, 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, Visu+ / AX OPC Server, without bus system.

Your advantages

- Freely programmable function buttons available
- Display available in sizes from 8 cm (3") to 14.5 cm (5.7")
- Energy efficient due to LED backlighting
- Short startup time
- Easy installation, low installation depth, and compact design

Commercial data

Item number	2985149
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRCAAC
GTIN	4046356117258
Weight per piece (including packing)	1,843 g
Weight per piece (excluding packing)	1,796 g
Customs tariff number	84714100
Country of origin	DE

Technical data

Product properties

Product type	Operator panel

Computer data

Processor	Arm9™, 200 MHz
Operating system	Windows® CE 5.0
RAM	64 MB SDRAM
	512 KB SRAM
Data storage system	Flash, 32 MB
Keys	40x Membrane keypad (Of these, 18 are function keys)

Display

Display type	14.5 cm / 5.7"-FSTN
Screen resolution	320 x 240 Pixel(s) (QVGA)
Display lighting type	LED
MTBF	40000 h
Color spectrum	5 grayscales

Interfaces

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

System properties

User software	Visu+
	AX OPC Server

Electrical properties

Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.25 A

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)

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	NEMA 4X
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Dimensions

Width	300 mm
Height	160 mm
Depth	48 mm

External dimensions

Width / Height / Depth	300 mm / 160 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	292 mm / 152 mm / 43 mm

Classifications

UNSPSC

UNSPSC 21.0	43211904

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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)

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