

OT 4M - Key panel

2985136

<https://www.phoenixcontact.com/us/products/2985136>

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 documentation. Our general terms of use for downloads are valid.



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

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

Commercial data

Item number	2985136
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRCAAC
GTIN	4046356117173
Weight per piece (including packing)	1,477 g
Weight per piece (excluding packing)	1,477 g
Customs tariff number	84714100
Country of origin	DE

OT 4M - Key panel



2985136

<https://www.phoenixcontact.com/us/products/2985136>

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	39x Membrane keypad (Of these, 17 are function keys)

Display

Display type	9.7 cm / 3,8"-FSTN
Screen resolution	320 x 240 Pixel(s) (QVGA)
Display lighting type	LED
MTBF	30000 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)
----------------------	---------------------------

OT 4M - Key panel



2985136

<https://www.phoenixcontact.com/us/products/2985136>

	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	155 mm
Height	205 mm
Depth	48 mm

External dimensions

Width / Height / Depth	155 mm / 205 mm / 5 mm (Dimensions of the front plate)
------------------------	--

Installation dimensions

Width / Height / Installation depth	139 mm / 199 mm / 43 mm
-------------------------------------	-------------------------

OT 4M - Key panel

2985136

<https://www.phoenixcontact.com/us/products/2985136>



Classifications

UNSPSC

UNSPSC 21.0	43211904
-------------	----------

OT 4M - Key panel



2985136

<https://www.phoenixcontact.com/us/products/2985136>

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.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com