

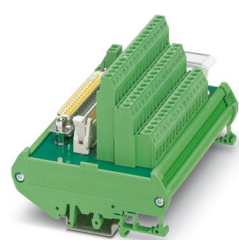
FLKM 50/D37SUB/M/HC3/AIO - Passive module



2900176

<https://www.phoenixcontact.com/us/products/2900176>

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.



16-channel module for Honeywell C300 modules. The module is controlled by the control system via 37-pos. D-SUB or 50-pos. FLK. A screw connection is available in the field. Module width: 113 mm

Commercial data

Item number	2900176
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	CK216Y
GTIN	4046356492126
Weight per piece (including packing)	304.5 g
Weight per piece (excluding packing)	304.5 g
Customs tariff number	85369010
Country of origin	DE

FLKM 50/D37SUB/M/HC3/AIO - Passive module



2900176

<https://www.phoenixcontact.com/us/products/2900176>

Technical data

Product properties

Product type	Interface module
No. of channels	16

Insulation characteristics

Insulation	Functional insulation
------------	-----------------------

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (DC)	≤ 50 V DC
Current (per branch)	≤ 0.5 A

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μ s)

Supported controller HONEYWELL Experion PKS C300/C-Series

Suitable I/O card	TAIX01 (non-redundant)
	TAIX11 (redundant)

Connection data

Connection 1 (control level)

Connection in acc. with standard	IEC 60807-2
Connection method	D-SUB pin strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	37
Insertion/withdrawal cycles	> 500
Pitch	2.77 mm

Connection 2 (control level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 3 (field level)

Connection method	Screw connection
-------------------	------------------

FLKM 50/D37SUB/M/HC3/AIO - Passive module



2900176

<https://www.phoenixcontact.com/us/products/2900176>

Stripping length	8 mm
Screw thread	M3
Number of positions	48
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection 4 (supply)

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of positions	2
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Signaling

Status display present	No
------------------------	----

Dimensions

Item dimensions

Width	112 mm
Height	89.6 mm
Depth	78.9 mm

Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
-----------------------	----------------

Mounting

Mounting type	DIN rail mounting
Mounting position	any

FLKM 50/D37SUB/M/HC3/AIO - Passive module



2900176

<https://www.phoenixcontact.com/us/products/2900176>

Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
---------	--

FLKM 50/D37SUB/M/HC3/AIO - Passive module



2900176

<https://www.phoenixcontact.com/us/products/2900176>

Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

ETIM

ETIM 9.0	EC002780
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

FLKM 50/D37SUB/M/HC3/AIO - Passive module



2900176

<https://www.phoenixcontact.com/us/products/2900176>

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2024 © - 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