FLKM-PA-D37/HW/C300 - Front adapter

2322029

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VARIOFACE front adapters, for Honeywell C300, series C I/O, max. 1x 16 channels (37-pos. D-SUB connector) can be connected

Your advantages

- Preassembled system cables are connected directly to I/O modules using the front adapters
- Not for redundant digital I/O cards
- Connection of a maximum of 16 digital channels
- Front adapter with D-SUB connector
- Terminal blocks for power supply

Commercial data

Item number	2322029
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK231H
GTIN	4046356448253
Weight per piece (including packing)	100.7 g
Weight per piece (excluding packing)	100 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Front adapter
Product family	VARIOFACE

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Current (per branch)	≤ 1 A
Current (Per connection, separate power supply)	≤ 4 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 µs)

Supported controller: HONEYWELL Experion PKS C300/C-Series

Suitable I/O card	TDIL01 (non-redundant)
	TDOB01 (non-redundant)

Connection data

Connection 1 (control level)

Connection method	Plug-in connection
Number of connections	2
Number of positions	16
Pitch	5.08 mm

Connection 2 (field 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 3 (supply)

Connection method	Push-in spring connection
Stripping length	10 mm
Number of positions	3

Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
	0.25 mm² ... 2.5 mm² (Ferrule without plastic sleeve)
	0.25 mm² ... 1.5 mm² (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12
Pitch	5 mm

Dimensions

Item dimensions

Width	93.8 mm
Height	43.5 mm
Depth	48.3 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 70 °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

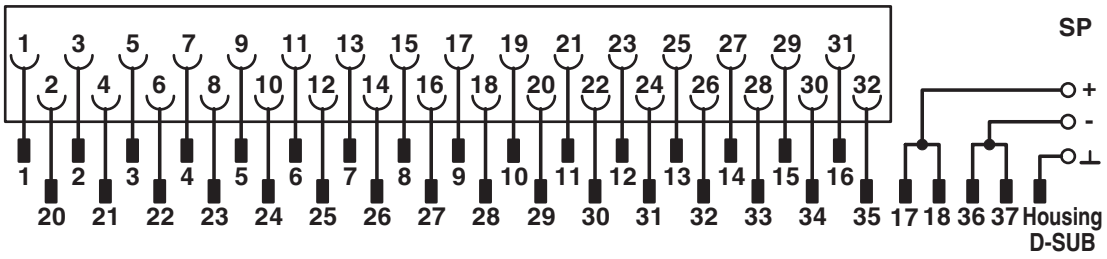
Mounting type	Plug-in mounting
Mounting position	any

Notes

Notes on operation	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.

Drawings

Circuit diagram



Connection scheme: FLKM-PA-D37/HW/C300

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2322029

cUL Recognized
Approval ID: E238705

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	125 V	1 A	30 - 12	-

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Classifications

ECLASS

ECLASS-13.0	27242292
ECLASS-15.0	27242292

ETIM

ETIM 10.0	EC002584

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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