

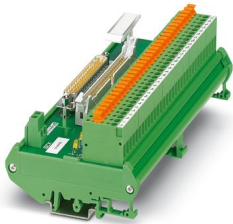
UM- D37SUB/M/HC3/16DI/LA/MT - Interface module



2900070

<https://www.phoenixcontact.com/us/products/2900070>

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16-channel module with LED for Honeywell C300 modules. The module is controlled by the control system via 37-pos. D-SUB or 50-pos. FLK. A screw connection (1+, 1-,...16+,16-) with knife disconnection is provided in the field. Module width: 170 mm

Commercial data

Item number	2900070
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK21B3
GTIN	4046356363501
Weight per piece (including packing)	382.9 g
Weight per piece (excluding packing)	382.9 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

Product type	Interface module
No. of channels	16

Insulation characteristics

Insulation	Functional insulation
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Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

No. of channels	16
Operating voltage (DC)	24 V DC
Operating voltage range	19.2 V DC ... 30 V DC
Current (per branch)	≤ 0.1 A

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.8 kV (1.2/50 μs)

Supported controller HONEYWELL Experion PKS C300/C-Series

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

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Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3
Number of positions	32
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	Yellow LED
Status display present	Yes

Dimensions

Item dimensions

Width	168.3 mm
Height	89.6 mm
Depth	65.5 mm

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
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

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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.

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

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