

# UM-D37SUB/M/HC3/DI24V/MR/SI/MT - Active module



2906944

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16-channel relay module for Honeywell C300 input modules. The module is controlled by the control system via 37-pos. D-SUB or 50-pos. FLK. A screw connection with knife disconnection is available in the field. Module width: 343 mm

## Commercial data

Item number	2906944
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK219H
GTIN	4055626141442
Weight per piece (including packing)	1,093.6 g
Weight per piece (excluding packing)	1,093.6 g
Customs tariff number	85371098
Country of origin	DE

## Technical data

### Product properties

Product type	Interface module
No. of channels	16
Operating mode	100% operating factor

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Rated surge voltage	0.6 kV
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### Supported controller HONEYWELL Experion PKS C300/C-Series

Suitable I/O card	TDIL01 (non-redundant)
	TDIL11 (redundant)

### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.85 ... 1.1
Input voltage range	20.4 V DC ... 26.4 V DC
Typical input current at $U_N$	6.5 mA
Typical response time	5 ms
Typical release time	7 ms
Protective circuit	Fuse
	Freewheeling diode
	Reverse polarity protection
Status display/channel	Yellow LED

### Output data

#### Switching

Contact switching type	1 changeover contact
Type of switch contact	Single contact
Contact material	Ag alloy, hard gold-plated
Maximum switching voltage	36 V DC
Minimum switching voltage	100 mV (12 V DC with damaged gold coating)
Limiting continuous current	50 mA (500 mA with damaged gold coating)
Min. switching current	1 mA (10 mA with damaged gold coating)
Interrupting rating (ohmic load) max.	1.2 W (at 24 V DC)

### Connection data

#### Controller level

Connection method	D-SUB pin strip
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Number of connections	1
Number of positions	37

## Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

## Field level

Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

## Signaling

Status display present	yes
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## Dimensions

Width	343.5 mm
Height	125.5 mm
Depth	65.5 mm

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-15 °C ... 50 °C
Ambient temperature (storage/transport)	-15 °C ... 50 °C

## Standards and regulations

Standards/regulations	EN IEC 60664-1
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## Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
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.
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## Approvals

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**EAC**

Approval ID: RU\*DE.\*08.B.01536/19

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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 9.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

## EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a)

## China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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)
SCIP	9f8a7a02-2c26-423f-af4f-55765687a227