

## Active module - UM- D37SUB/M/HC3/16DO/MR/MT - 2900068

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16-channel relay module for Honeywell C300 output 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: 258 mm

### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	798.0 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	259 mm
Height	126 mm
Depth	66 mm

#### Ambient conditions

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

#### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.85 ... 1.1
Typical input current at $U_N$	9 mA
Typical response time	5 ms
Typical release time	7 ms
Protective circuit/component	Damping diode
Status display/channel	Yellow LED

#### Output data

Contact type	Single contact, 1-PDT
Contact material	AgSnO

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### Technical data

#### Output data

Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC
Limiting continuous current	4 A
Min. switching current	10 mA
Interrupting rating (ohmic load) max.	96 W (at 24 V DC)
	20 W (at 48 V DC)
	18 W (at 60 V DC)
	23 W (at 110 V DC)
	40 W (at 220 V DC)
	1000 VA (for 250 V AC)

#### General

No. of channels	16
Operating mode	100% operating factor
Mounting position	any
Assembly instructions	In rows with zero spacing
Standards/regulations	DIN EN 50178
Rated surge voltage	4 kV
Pollution degree	2
Surge voltage category	III

#### Connection data for connection 1

Connection name	Control system level
Number of connections	1
Connection method	D-SUB pin strip
Number of positions	37

#### Connection data for connection 2

Connection name	Field level
Connection method	Screw connection with disconnect knife
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	12
Screw thread	M3
Stripping length	8 mm

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### Technical data

#### Supported controller

Corresponding control	HONEYWELL C300
Corresponding I/O card	TDOB01 (non-redundant)
	TDOB11 (redundant)

### Classifications

#### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152

#### ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

#### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421