

Active module - UM- D37SUB/M/HC3/16DI/MR/SI/MT - 2900066


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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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 362795
GTIN	4046356362795
Weight per Piece (excluding packing)	1,117.000 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	344 mm
Height	126 mm
Depth	66 mm

Ambient conditions

Ambient temperature (operation)	-15 °C ... 50 °C
Ambient temperature (storage/transport)	-15 °C ... 50 °C
Maximum altitude	≤ 2000 m
Degree of protection	IP00

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Technical data

Ambient conditions

	≥ IP54 (Installation location)
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Input data

Nominal input voltage U_N	48 V DC
Input voltage range in reference to U_N	0.85 ... 1.1
Typical input current at U_N	6.5 mA
Typical response time	5 ms
Typical release time	7 ms
Protective circuit/component	Fuse
	Damping diode
	Reverse polarity protection
Status display/channel	Yellow LED

Output data

Contact type	1 N/O contact
Contact material	Ag alloy, hard gold-plated
Maximum switching voltage	36 V DC (60 V DC with damaged gold coating)
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)

General

No. of channels	16
Mechanical service life	approx. 2×10^7 cycles
Operating mode	100% operating factor
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data

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

Connection data 2

Connection name	Field level
Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3

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Technical data

Connection data 2

Conductor cross section solid	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 data 3

Connection name	Control side
Connection method	Flat-ribbon cable connector in acc. with IEC 60603-13
Number of connections	1
Number of positions	50

Supported controller

Controller	HONEYWELL Experion PKS C300/C-Series
- suitable I/O card	TDIL01 (non-redundant)
	TDIL11 (redundant)

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 µs)
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
eCl@ss 6.0	27242600
eCl@ss 7.0	27141152

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Classifications

eCl@ss

eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

Approvals

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EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01742
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Accessories

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Fuse

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Accessories

Fuse set - VF-SI/TR5/0,05AT - 2900999



Fuse set, number: 8 Pcs., fuse type: Fuse (TR5), nominal current: 0.05 A, tripping characteristic: slow-blow (T)