


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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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
Weight per Piece (excluding packing)	1117.0 g
Custom tariff number	85364190
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

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

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
	Protection against polarity reversal
Status display/channel	Yellow LED

Output data

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

Technical data

Output data

Contact type	Single contact, 1-PDT
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)

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	0.6 kV
Pollution degree	2
Surge voltage category	II

Connection data for connection 1

Connection name	Controller level
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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm

Supported controller

Corresponding control	HONEYWELL C300
Corresponding I/O card	TDIL01 (non-redundant)
	TDIL11 (redundant)

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

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

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

Accessories

Accessories

Fuse

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



Plug-in fuse (TR5[®]), nominal current: 0.05 A, tripping characteristic: slow-blow (T), packing volume per unit: 8 pcs.