

## Interface module - UM- D37SUB/M/HC3/16DI/LA/FMT - 2900187

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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 spring-cage connection (1+, 1-,...16+,16-) with knife disconnection is provided in the field. Module width: 170 mm

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356492560

### Technical data

#### Note

Type of note	Notes on operation
Note	No additional touch protection is required when using a SELV/PELV voltage.
Type of note	Notes on operation
Note	Against adjacent modules in the support rail direction at least one functional insulation on the output-side is complied with. If the application has higher requirements on the insulation (basic insulation or reinforced insulation), then these must be realized through suitable measures (e. g. partition plates).

#### Dimensions

Width	168.5 mm
Height	90 mm
Depth	66 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Maximum altitude	2000 m
Degree of protection	IP00

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## Technical data

### Ambient conditions

	≥ IP54 (Installation location)
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### General

Nominal voltage $U_N$	24 V DC -20 % ... +25 %
Max. permissible current	100 mA (per path)
Status display	Yellow LED
Mounting position	any
Assembly instructions	In rows with zero spacing

### Connection data

Connection name	Field level
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 16

### Connection data 2

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

### Connection data 3

Connection name	Controller level
Connection method	FLK pin strip
Number of connections	1
Number of positions	50

### Supported controller

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

### Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	50 V DC
Rated surge voltage	0.5 kV
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
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## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## 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
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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Approvals

EAC


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Ex Approvals

## Interface module - UM- D37SUB/M/HC3/16DI/LA/FMT - 2900187

### Approvals

#### Approval details

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