

## Interface module - UM- D37SUB/M/HC3/AI/FMT - 2900188

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16-channel module for Honeywell C300 modules. On the control side, the module is controlled via D-SUB 37-pos. or FLK 50-pos. A screw connection (1+, 1C, 1-,...16+, 16C, 16-) with knife disconnection is available on the field side. Module width: 258.5 mm

RoHS

### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                 |
| GTIN         |  |
| GTIN         | 4046356495974                                                                        |

### Technical data

#### Note

|              |                                                                                                                                                                                                                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of note | Notes on operation                                                                                                                                                                                                                                                                                       |
| Note         | No additional touch protection is required when using a SELV/PELV voltage ( $\leq 25$ V AC or 60 V DC).                                                                                                                                                                                                  |
| Type of note | Notes on operation                                                                                                                                                                                                                                                                                       |
| Note         | At least one functional insulation against adjacent modules is complied with (in the support rail direction). If the application has stricter requirements for the insulation (basic insulation or reinforced insulation), they must be realized by applying suitable measures (e. g. partition plates). |

#### Dimensions

|        |          |
|--------|----------|
| Width  | 258.5 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                        | $\leq 2000$ m    |
| Degree of protection                    | IP00             |

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## Technical data

### Ambient conditions

|  |                                |
|--|--------------------------------|
|  | ≥ IP54 (Installation location) |
|--|--------------------------------|

### General

|                                    |                           |
|------------------------------------|---------------------------|
| Max. permissible operating voltage | 30 V DC                   |
| Max. permissible current           | 100 mA (per path)         |
| Mounting position                  | any                       |
| Assembly instructions              | In rows with zero spacing |

### Connection data

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection name                  | Field level                                 |
| Connection method                | Spring-cage connection                      |
| Stripping length                 | 8 mm                                        |
| Screw thread                     | M3                                          |
| 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                                   |
| Pitch                            | 5.08 mm                                     |

### 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               |
| Pitch                 | 2.54 mm          |

### Supported controller

|                     |                                      |
|---------------------|--------------------------------------|
| Controller          | HONEYWELL Experion PKS C300/C-Series |
| - suitable I/O card | TAIX01 (non-redundant)               |
|                     | TAIX11 (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                                    |

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### Technical data

#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| 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 |
| 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

#### Approvals

#### EAC

#### Ex Approvals

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### Approvals

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#### Approval details

|     |                                                                                   |                          |
|-----|-----------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.A*30.B.01742 |
|-----|-----------------------------------------------------------------------------------|--------------------------|

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