

Interface module - UM- D37SUB/M/HC3/AIO/FMT - 2900189


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16-channel module 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: 254 mm



Key Commercial Data

| | |
|----------------------|---|
| Packing unit | 1 |
| GTIN |  4 046356 495981 |
| GTIN | 4046356495981 |
| Custom tariff number | 85369010 |

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

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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 |
| | ≥ 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 | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross section flexible | 0.2 mm ² ... 1.5 mm ² |
| 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 |

Supported controller

| | |
|---------------------|--------------------------------------|
| Controller | HONEYWELL Experion PKS C300/C-Series |
| - suitable I/O card | TDIL01 (non-redundant) |
| | TDIL11 (redundant) |
| | TDOB01 (non-redundant) |
| | TDOB11 (redundant) |
| | TAIX01 (non-redundant) |

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Supported controller

| | |
|--|------------------------|
| | TAIX11 (redundant) |
| | TAOX01 (non-redundant) |
| | TAOX11 (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 |
| | 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

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|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |

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Classifications

UNSPSC

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

Approval details

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