

## Front adapters - FLKM-PA-D37/HW/AN/C300 - 2900622

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VARIOFACE front adapters, for Honeywell C300, series C I/O, max. 1 x 16 channels (37-pos. D-SUB connector) can be connected

### Your advantages

- ✓ Pre-assembled system cables are connected directly to I/O modules using the front adapters
- ✓ Front adapter with D-SUB connector
- ✓ Connection of analog modules

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 046356 518208 |
| GTIN                                 | 4046356518208                                                                                           |
| Weight per Piece (excluding packing) | 100.000 g                                                                                               |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Degree of protection                    | IP00             |

#### General

|                                    |         |
|------------------------------------|---------|
| Max. permissible operating voltage | 25 V AC |
|                                    | 50 V DC |

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### Technical data

#### General

|                          |                |
|--------------------------|----------------|
| Max. permissible current | 1 A (per path) |
| Mounting position        | any            |

#### Standards and Regulations

|                          |                                |
|--------------------------|--------------------------------|
| Standards/regulations    | DIN EN 50178                   |
|                          | IEC 60664                      |
| Rated insulation voltage | 63 V                           |
| Rated surge voltage      | 0.6 kV (Functional insulation) |
| Pollution degree         | 2                              |
| Overvoltage category     | II                             |

#### Connection data

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

#### Connection data 2

|                                  |                        |
|----------------------------------|------------------------|
| Connection name                  | Supply                 |
| Connection method                | Spring-cage connection |
| Conductor cross section solid    | 0.2 mm² ... 4 mm²      |
| Conductor cross section flexible | 0.2 mm² ... 2.5 mm²    |
| Conductor cross section AWG      | 24 ... 12              |

#### Supported controller

|                     |                                      |
|---------------------|--------------------------------------|
| Controller          | HONEYWELL Experion PKS C300/C-Series |
| - suitable I/O card | TAIX01 (non-redundant)               |
|                     | TAIX11 (redundant)                   |
|                     | TAIX51 (non-redundant)               |
|                     | TAIX61 (redundant)                   |
|                     | TAIN01 (non-redundant)               |
|                     | TAIN11 (redundant)                   |
|                     | TAOX01 (non-redundant)               |
|                     | TAOX11 (redundant)                   |

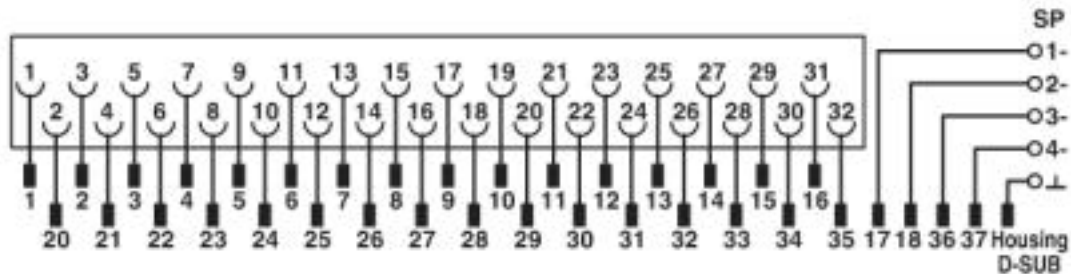
#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

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### Drawings

Circuit diagram



Connection scheme FLKM-PA-D37/HW/AN/C300

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250300 |
| eCl@ss 4.1 | 27250300 |
| eCl@ss 5.0 | 27250300 |
| eCl@ss 5.1 | 27250300 |
| eCl@ss 6.0 | 27249200 |
| eCl@ss 7.0 | 27249290 |
| eCl@ss 8.0 | 27249290 |
| eCl@ss 9.0 | 27242292 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002584 |
| ETIM 5.0 | EC002584 |
| ETIM 6.0 | EC002584 |
| ETIM 7.0 | EC002584 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |
| UNSPSC 12.01  | 39121421 |
| UNSPSC 13.2   | 32151601 |

### Approvals

#### Approvals

## Front adapters - FLKM-PA-D37/HW/AN/C300 - 2900622

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |  |                                                                                   |                                                                                                                                                       |               |
|--------------------|--|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized      |  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|                    |  |                                                                                   |                                                                                                                                                       |               |
| Nominal voltage UN |  | 125 V                                                                             |                                                                                                                                                       |               |
| Nominal current IN |  | 1 A                                                                               |                                                                                                                                                       |               |
| mm²/AWG/kcmil      |  | 30-12                                                                             |                                                                                                                                                       |               |

|                    |                                                                                     |                                                                                                                                                       |               |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|                    |                                                                                     |                                                                                                                                                       |               |
| Nominal voltage UN | 125 V                                                                               |                                                                                                                                                       |               |
| Nominal current IN | 1 A                                                                                 |                                                                                                                                                       |               |
| mm²/AWG/kcmil      | 30-12                                                                               |                                                                                                                                                       |               |

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

|                  |                                                                                     |
|------------------|-------------------------------------------------------------------------------------|
| cULus Recognized |  |
|------------------|-------------------------------------------------------------------------------------|