

# UM-D37M/DS/FU/LED/AID4/C300/R - Termination board



2905134

<https://www.phoenixcontact.com/us/products/2905134>

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VARIOFACE module intended for use with Honeywell Experion C300 16-channel analog input cards. Channels 13.....16 feature differential inputs.



## Your advantages

- These VARIOFACE modules are used in combination with the relevant front adapters
- UM-PRO housing
- DIN rail mounting, includes grounding foot
- LED blown fusing indication
- Per channel shield connection
- Per channel disconnects with test points
- Per channel pluggable 500 mA fusing

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2905134                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C421                           |
| Product key                          | CK218H                         |
| GTIN                                 | 4046356959056                  |
| Weight per piece (including packing) | 423.4 g                        |
| Weight per piece (excluding packing) | 423.4 g                        |
| Customs tariff number                | 85371098                       |
| Country of origin                    | US                             |

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## Technical data

### Product properties

|                     |                  |
|---------------------|------------------|
| Product type        | Interface module |
| Product family      | VARIOFACE        |
| Number of positions | 37               |
| No. of channels     | 16               |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 00 |
|------------------|----|

### Electrical properties

|   |                       |
|---|-----------------------|
| Nominal voltage $U_N$                     | 24 V DC               |
| Max. current carrying capacity per branch | 500 mA (fuse limited) |

### Supported 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)     |

### Supported controller HONEYWELL Experion LX Series 8

|                   |           |
|-------------------|-----------|
| Suitable I/O card | 8X-TAIXA1 |
|                   | 8X-TAIXB1 |

## Connection data

### Field level

|                                  |   |
|----------------------------------|---|
| Connection method                | Screw connection with disconnect knife      |
| Stripping length                 | 8 mm  |
| Screw thread                     | M 3   |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 12                                   |

### Controller level

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

## Signaling

|                        |                        |
|------------------------|------------------------|
| Status display         | no                     |
| Status display present | Yes, if the fuse fails |

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## Dimensions

### Item dimensions

|        |          |
|--------|----------|
| Width  | 124 mm   |
| Height | 142.3 mm |
| Depth  | 79 mm    |

## Environmental and real-life conditions

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 75 °C |

## Standards and regulations

| Standards/regulations | DIN EN 50178 |
|-----------------------|--------------|
|                       |              |

## Mounting

|                   |                           |
|-------------------|---------------------------|
| Mounting type     | DIN rail mounting         |
| Assembly note     | in rows with zero spacing |
| Mounting position | any                       |

## Notes

|                    |  |
|--------------------|--|
| General            | Standard or halogen-free cables  |
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |

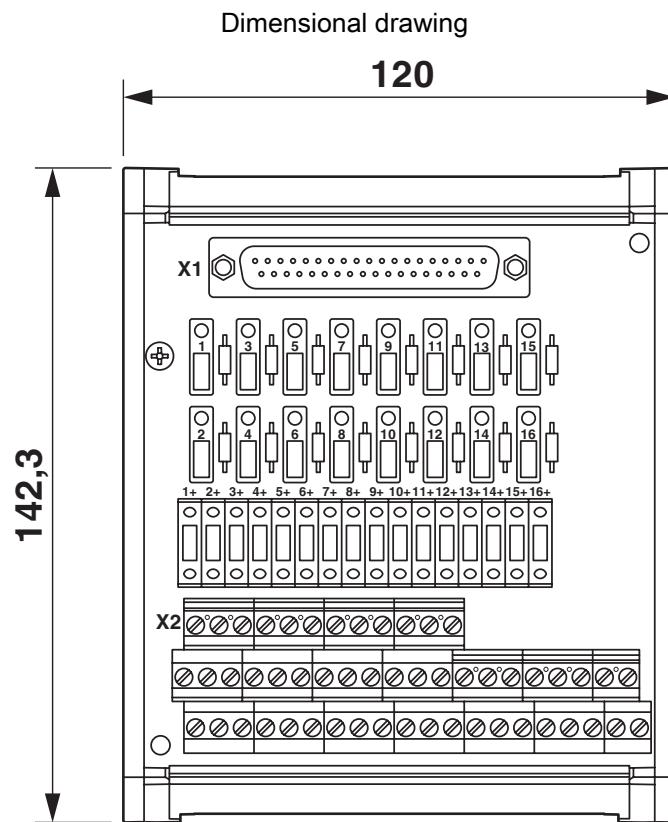
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## Drawings



dimensional drawing of left hand version

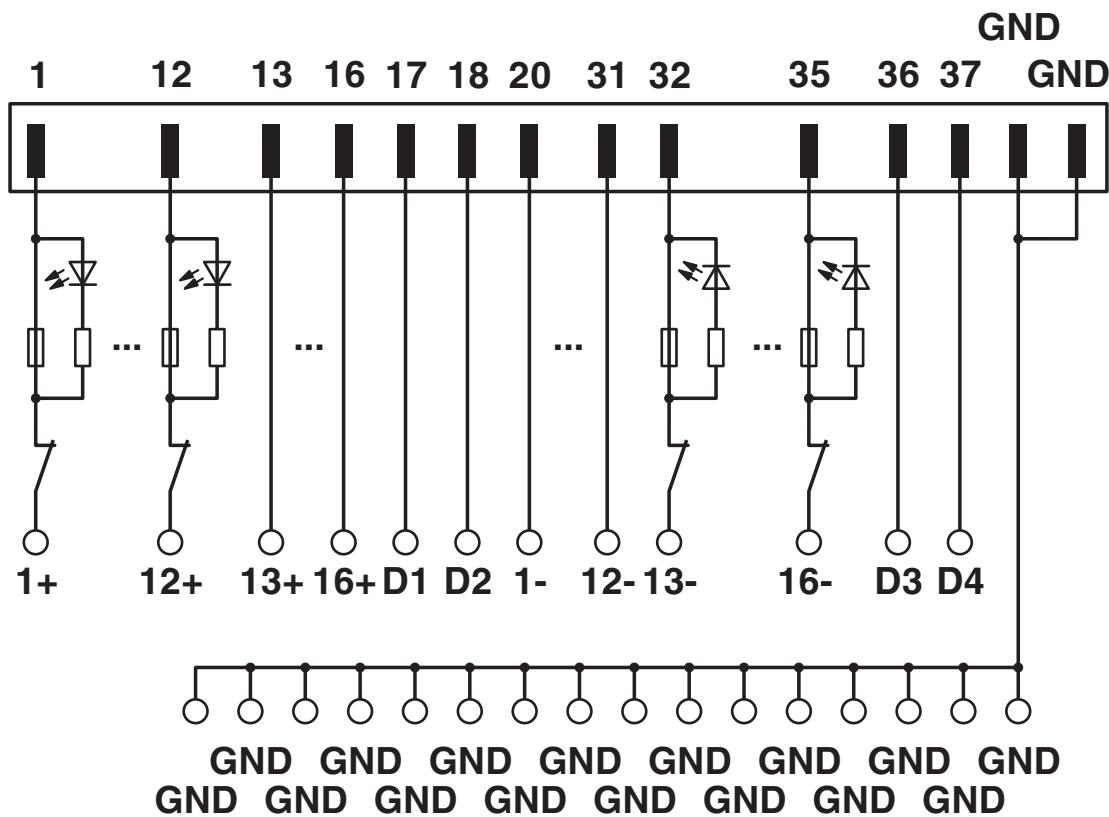
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Circuit diagram



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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2905134>



**cUL Recognized**

Approval ID: E238705



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27141152 |
| ECLASS-12.0 | 27141152 |
| ECLASS-13.0 | 27141152 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002780 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |      |
|---|------|
| Fulfills EU RoHS substance requirements | Yes  |
| Exemption                               | 6(c) |

### China RoHS

|   |         |
|---|---------|
| Environment friendly use period (EFUP)  | EFUP-50 |
| An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |         |

### EU REACH SVHC

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1)                 |
| SCIP                                | 81af5fb8-db53-41ae-abf2-7d4dc1d6f845 |

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### Phoenix Contact USA

586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)