

# UM-D37M/DS/FU/LED/DG/C3/R C - Termination board



2906184

<https://www.phoenixcontact.com/us/products/2906184>

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VARIOFACE module intended for use with Honeywell Experion C300 16-channel digital cards:



## Your advantages

- These VARIOFACE modules are used in combination with the relevant front adapters
- UM-PRO housing
- DIN rail mounting
- LED blown fusing indication
- Conformal coating of PCB
- Per channel disconnects with test points
- Per channel pluggable 1 A fusing

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2906184                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C421                           |
| Product key                          | DK2B8H                         |
| GTIN                                 | 4055626080666                  |
| Weight per piece (including packing) | 420 g                          |
| Weight per piece (excluding packing) | 400 g                          |
| Customs tariff number                | 85371098                       |
| Country of origin                    | US                             |

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## Technical data

### Product properties

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

### Electrical properties

|   |                    |
|---|--------------------|
| Nominal voltage $U_N$                     | 24 V DC            |
| Max. current carrying capacity per branch | 1 A (fuse limited) |

Supported controller: HONEYWELL Experion PKS C300/C-Series

|                   |                        |
|-------------------|------------------------|
| Suitable I/O card | TDIL01 (non-redundant) |
|                   | TDIL11 (redundant)     |
|                   | TDIL51 (non-redundant) |
|                   | TDIL61 (redundant)     |
|                   | TDOB01 (non-redundant) |
|                   | TDOB11 (redundant)     |
|                   | TDOB51 (non-redundant) |
|                   | TDOB61 (redundant)     |

Supported controller: HONEYWELL Experion LX Series 8

|                   |           |
|-------------------|-----------|
| Suitable I/O card | 8X-TDILA1 |
|                   | 8X-TDILB1 |

### 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 |

### Dimensions

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## Item dimensions

|        |          |
|--------|----------|
| Width  | 124 mm   |
| Height | 142.3 mm |
| Depth  | 65.6 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 |
|---------------|-------------------|

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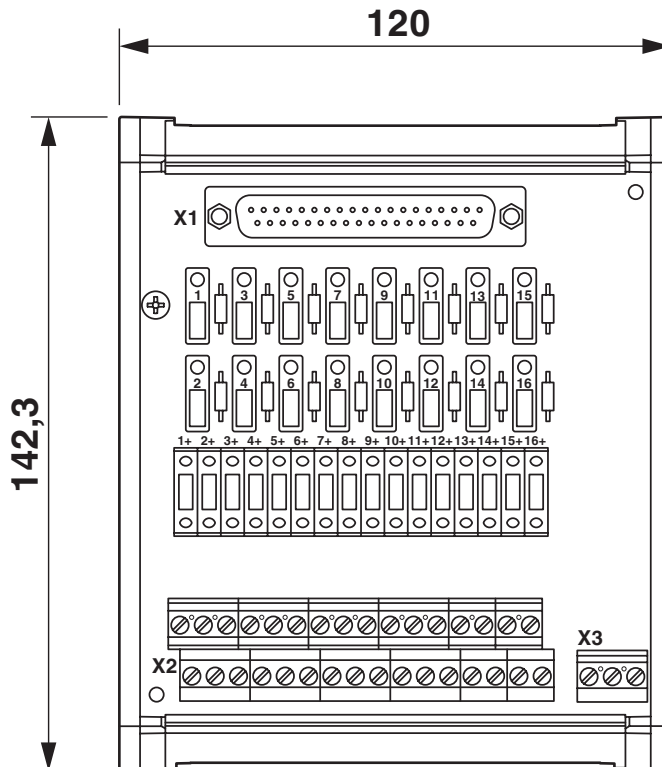


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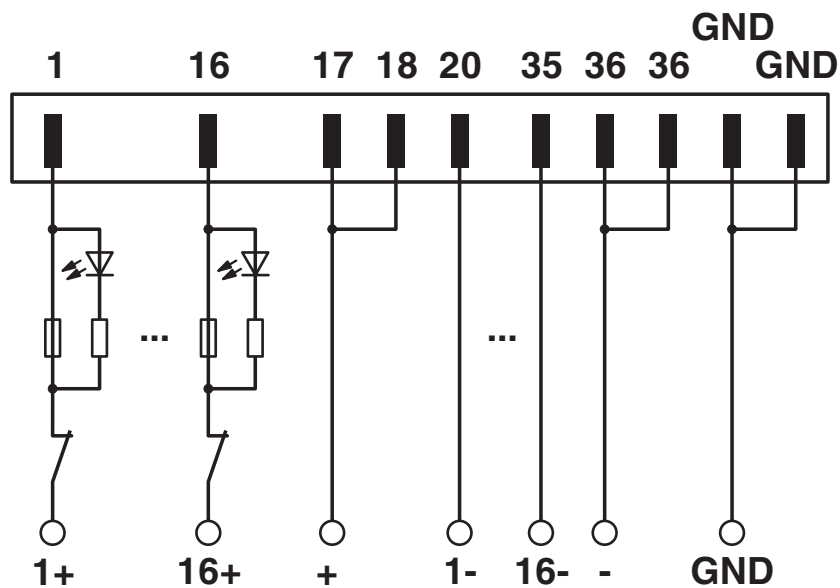
## Drawings

Dimensional drawing



dimensional drawing of left hand version

Circuit diagram



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## Approvals

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**cUL Recognized**

Approval ID: E238705



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27141152 |
| ECLASS-15.0 | 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                                | 6944641b-967f-4117-a2d7-d43dacdc3277 |

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