

# UM-D37M/DS/FU/LED/AID16/C300/L - Termination board



2905653

<https://www.phoenixcontact.com/us/products/2905653>

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VARIOFACE module intended for use with Honeywell Experion C300 16-channel analog input cards. Channels 1 to 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	2905653
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK218H
GTIN	4055626002972
Weight per piece (including packing)	641.4 g
Weight per piece (excluding packing)	99.99 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	500 mA (fuse limited)

Supported controller HONEYWELL Experion PKS C300/C-Series

Suitable I/O card	TAID01 (non-redundant)
	TAID11 (redundant)

Supported controller HONEYWELL Experion LX Series 8

Suitable I/O card	8X-TAIDA1
	8X-TAIDB1

### 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
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	25

### Signaling

Status display present	yes, if the fuse fails
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### Dimensions

#### Item dimensions

Width	184 mm
Height	142.3 mm
Depth	65.6 mm

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## 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
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## Mounting

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

## Notes

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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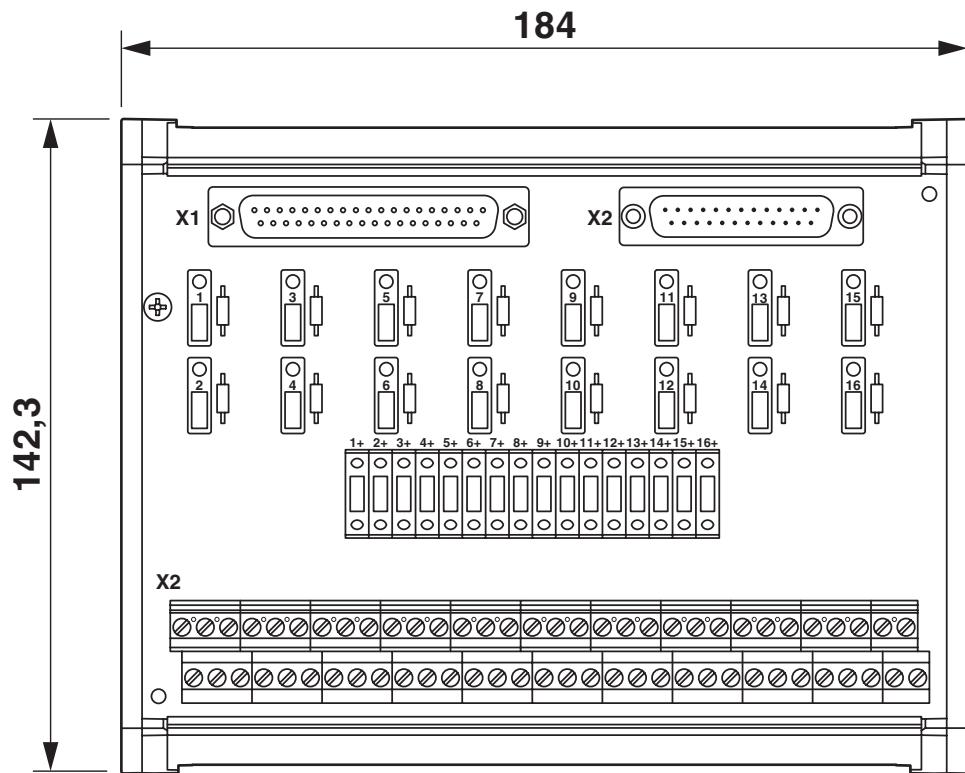


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## Drawings

Dimensional drawing



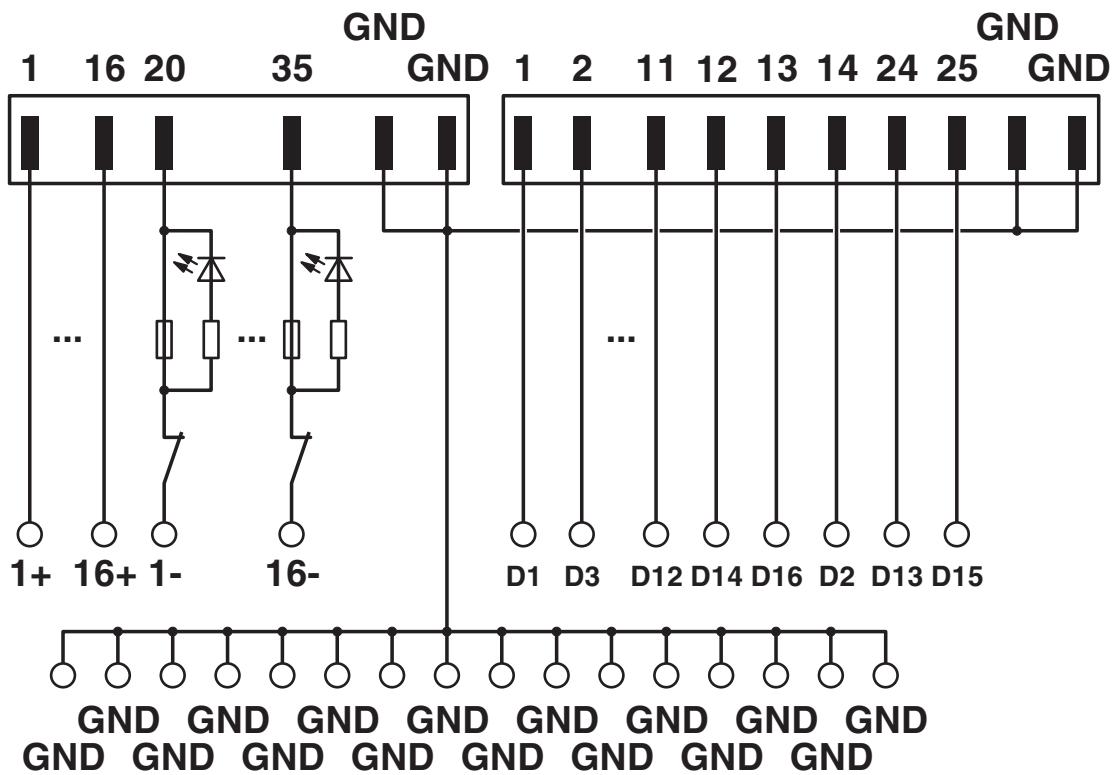
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## Circuit diagram



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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2905653>



**cUL Recognized**

Approval ID: E238705



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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 9.0	EC002780
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### 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	d182c6df-0dd6-4b9d-9436-40975e963037

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