

UM-D37M/DS/FU/LED/AID16/C3/R C - Termination board



2906180

<https://www.phoenixcontact.com/us/products/2906180>

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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
- Conformal coating of PCB

Commercial data

Item number	2906180
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK2B8H
GTIN	4055626066851
Weight per piece (including packing)	629 g
Weight per piece (excluding packing)	550 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 ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
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
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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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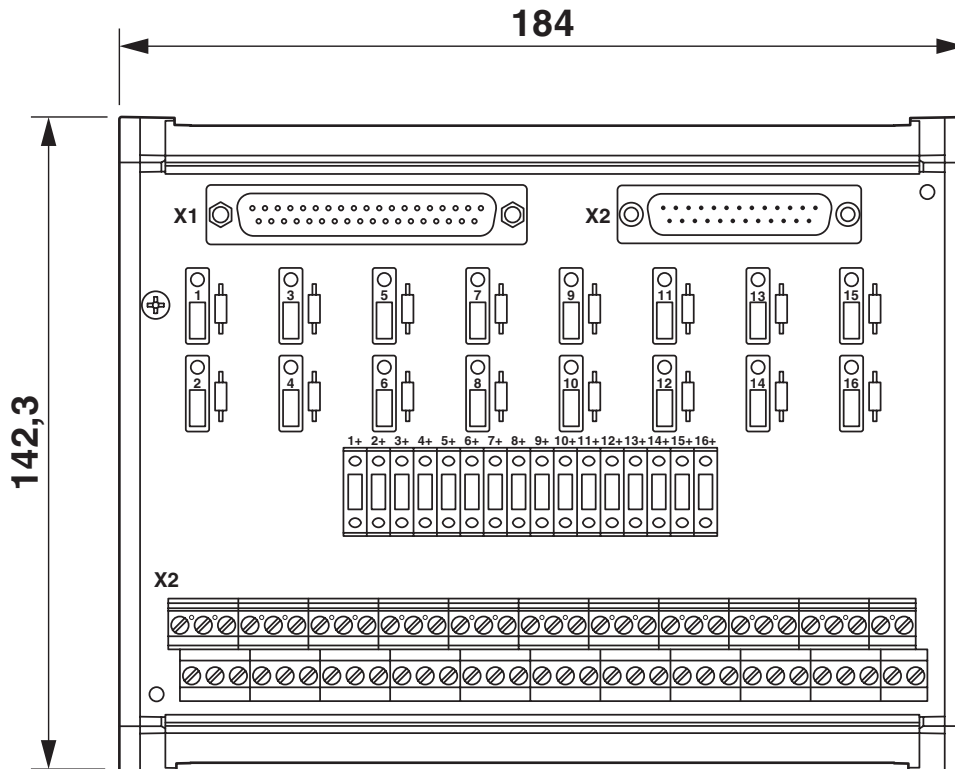


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Drawings

Dimensional drawing



dimensional drawing of left hand version

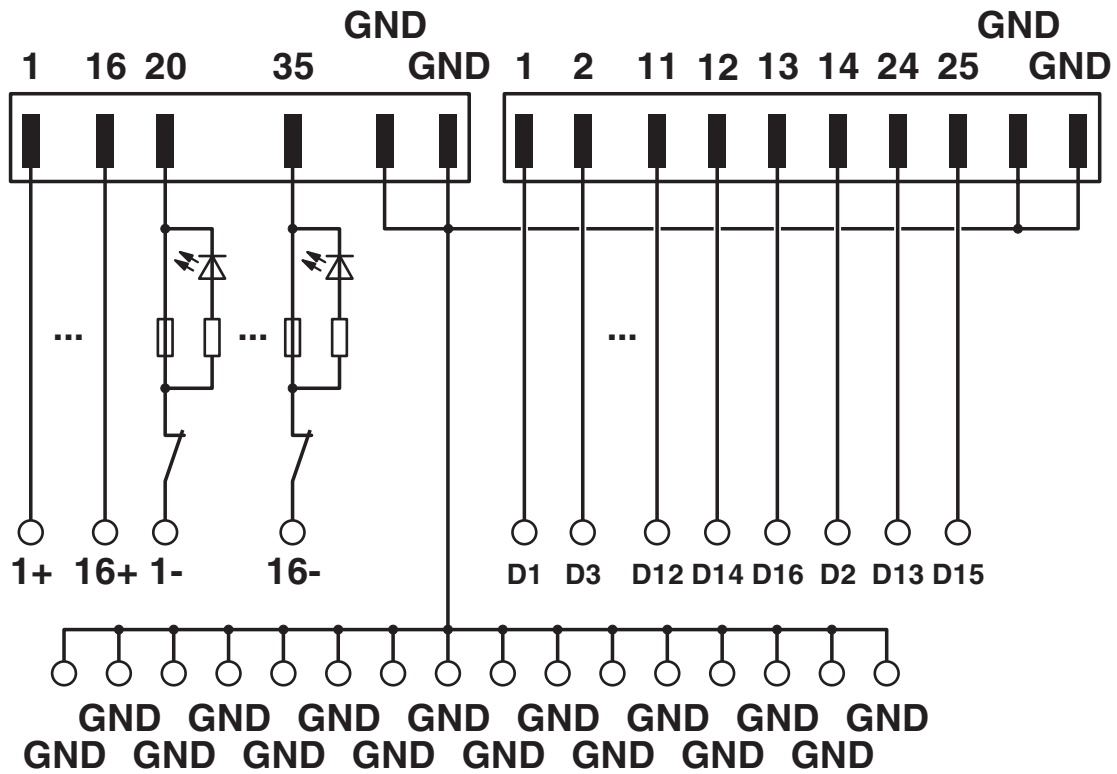
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Circuit diagram



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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 10.0	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	f377c4d2-48a4-41fb-88f2-880a50089a8b

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