

# UM-D37M/DS/FU/DI120V/C300/L - Interface module



2905869

<https://www.phoenixcontact.com/us/products/2905869>

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VARIOFACE 16-channel module intended for use with Honeywell Experion C300 high voltage digital IOTA: CX-TDI110 & CX-TDI120.



## Your advantages

- These VARIOFACE modules are used in combination with the relevant front adapters
- UM-PRO housing
- Designed to be mounted on the left side of the cabinet
- DIN rail mounting
- LED blown fusing indication
- Per channel disconnects with test points
- Per channel pluggable 800 mA fusing
- Packaged with 16 x 5.08 mm jumpers for optional, user-configurable, per channel fuse bypass

## Commercial data

Item number	2905869
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK218H
GTIN	4055626081076
Weight per piece (including packing)	367.5 g
Weight per piece (excluding packing)	350 g
Customs tariff number	85371098
Country of origin	US

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## Technical data

### Product properties

Product type	Interface module
No. of channels	16

### Data management status

Article revision	02
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### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Supported controller HONEYWELL Experion PKS C300/C-Series

Suitable I/O card	TDI110 (non-redundant)
	TDI120 (redundant)

### 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 present	Yes, if the fuse fails
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### Dimensions

#### Item dimensions

Width	100 mm
Height	142.3 mm
Depth	65.6 mm

### Environmental and real-life conditions

#### Ambient conditions

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Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C
Altitude	< 2000 m
Permissible humidity (operation)	< 90 %
Permissible humidity (storage/transport)	< 90 %

## Standards and regulations

Standards/regulations	DIN EN 50178
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## Mounting

Mounting type	DIN rail mounting
Thread type	()

## 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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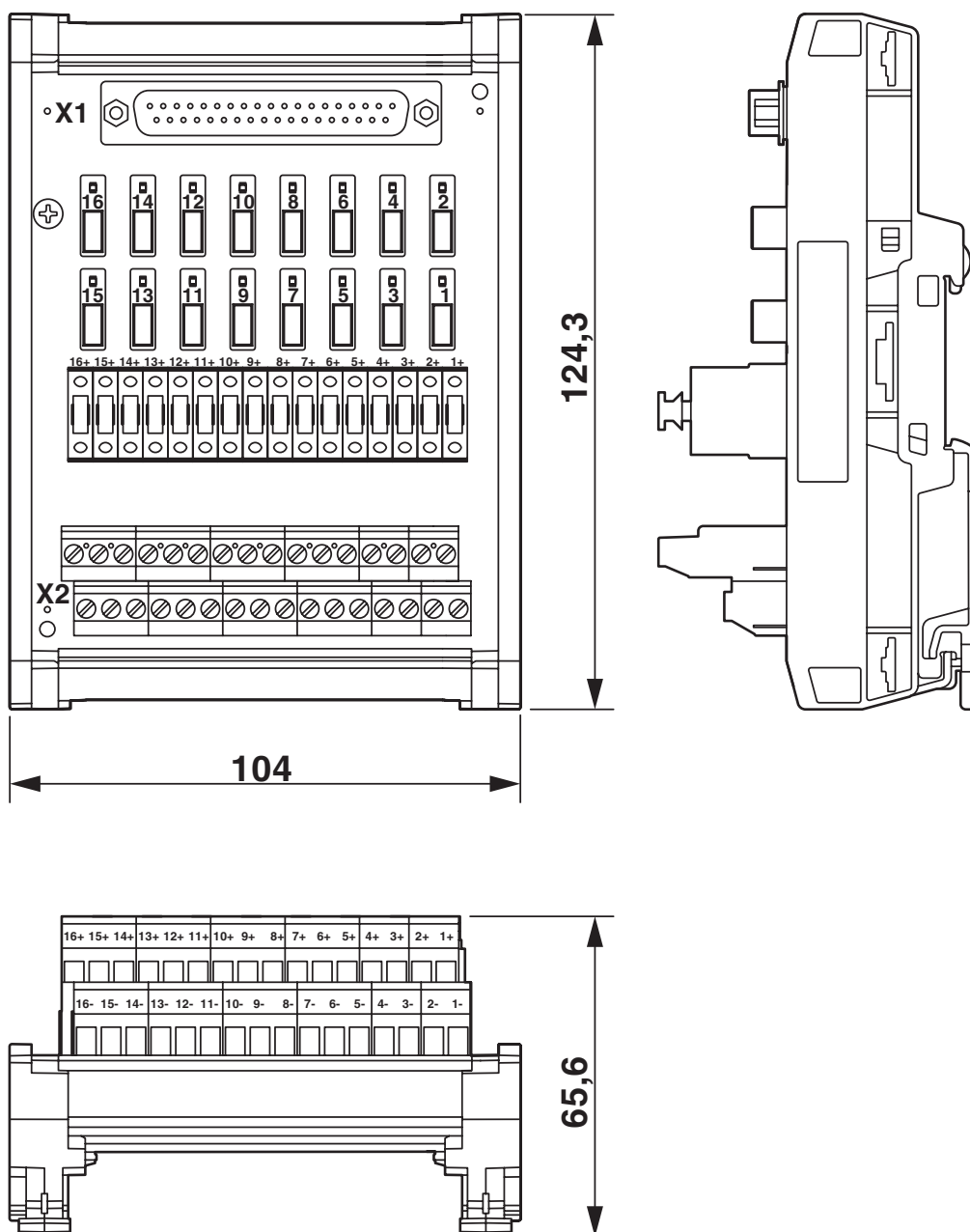


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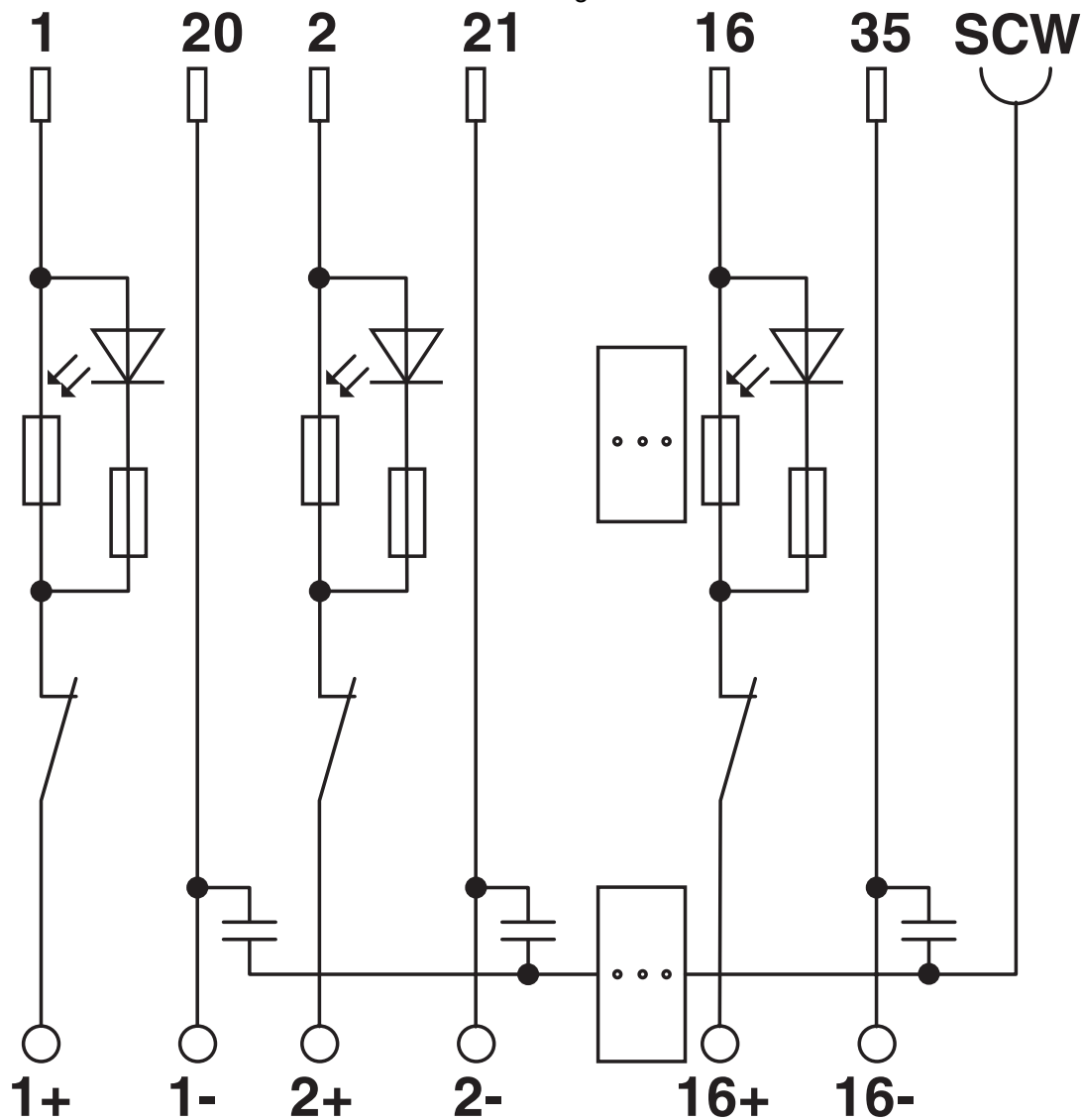
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## Drawings

Dimensional drawing



Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2905869>



**cUL Recognized**  
Approval ID: E238705



**UL Recognized**  
Approval ID: E238705

**cULus Recognized**

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## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	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), 7(c)-I

### 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	e333f080-ef0f-4070-aeb2-83393f8c81a3

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