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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 right side of the cabinet
- DIN rail mount
- 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	2905868
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	CK218H
GTIN	4055626081083
Weight per piece (including packing)	356.5 g
Weight per piece (excluding packing)	3.564 g
Customs tariff number	85371098
Country of origin	US

UM-D37M/DS/FU/DI120V/C300/R - Interface module



2905868

<https://www.phoenixcontact.com/pc/products/2905868>

Technical data

Product properties

Product type	Interface module
No. of channels	16

Data management status

Article revision	01
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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 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

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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2905868

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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

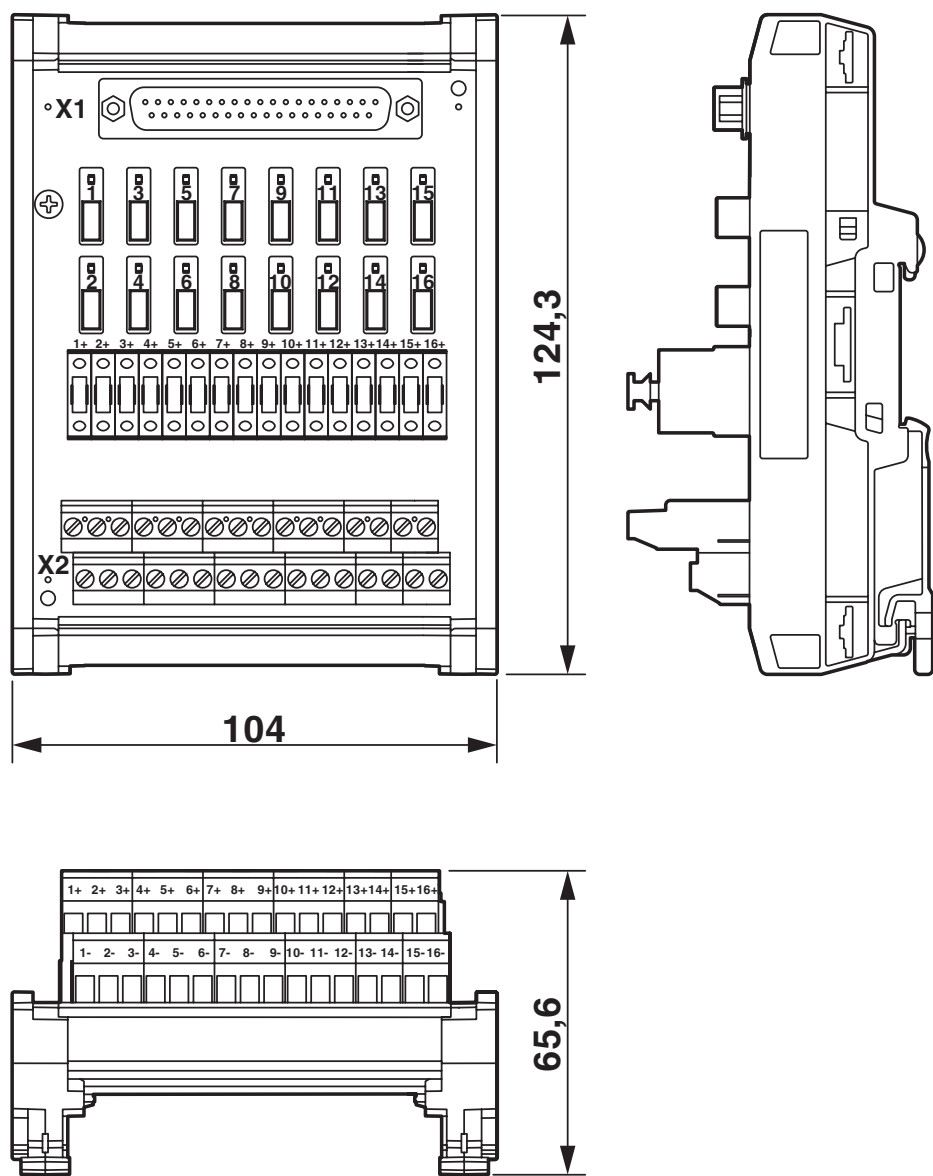
Mounting type	DIN rail mounting
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Notes

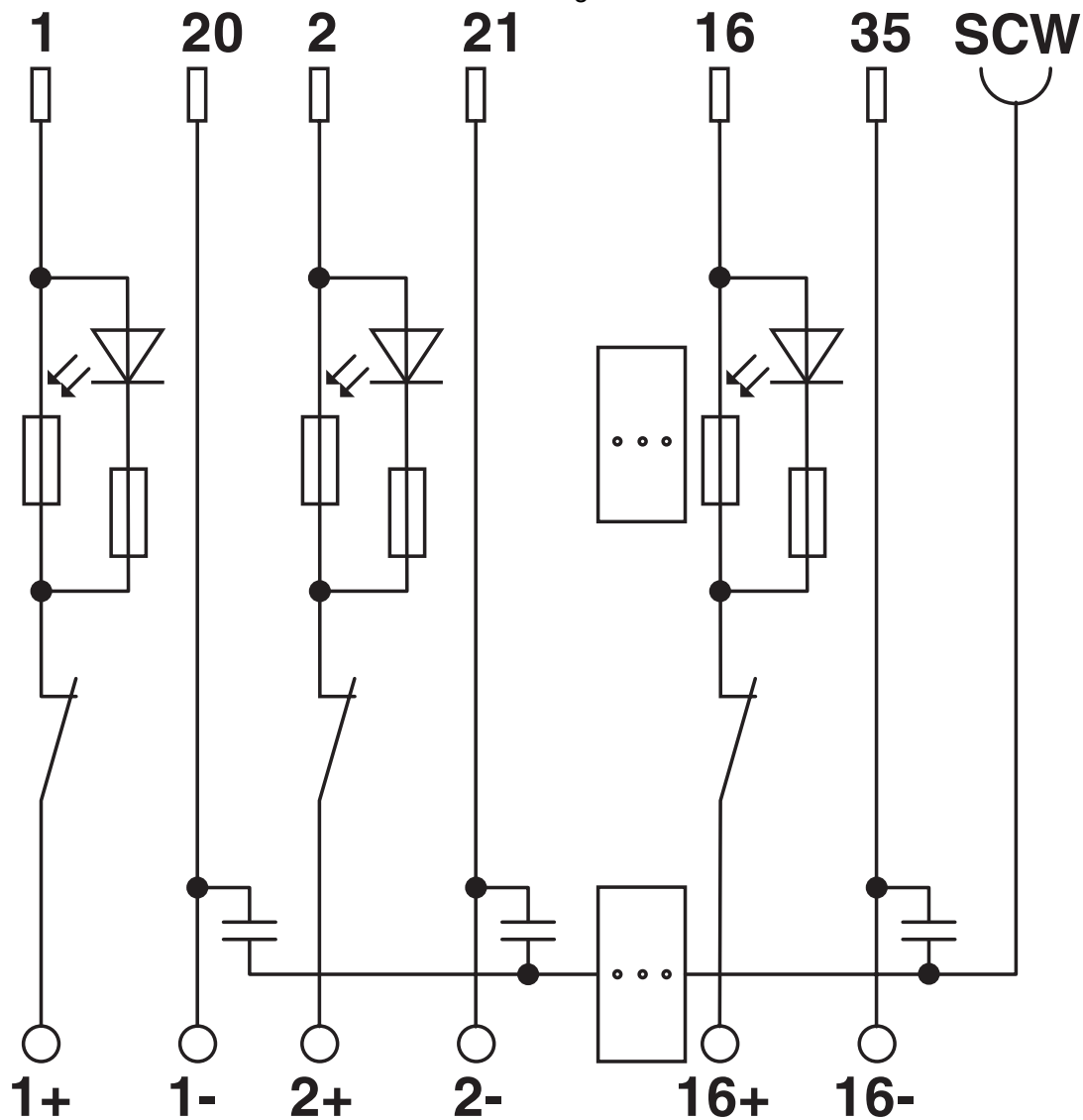
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Drawings

Dimensional drawing



Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2905868>



cUL Recognized
Approval ID: E238705



UL 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
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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	bbc67fa7-308b-4bfa-8fd2-39fee9b02035

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Mandatory accessories

FLKM-PA-D37/HW/DIO/C300 - Front adapter

2901423

<https://www.phoenixcontact.com/pc/products/2901423>



VARIOFACE front adapter, for Honeywell C300, Series C I/O, maximum of 1x 16 channels can be connected (37-pos. D-SUB connector). Specifically for connecting digital, redundant I/O cards.

Accessories

CABLE-D37SUB/B/B/ 100/KONFEK/S - Cable

2305509

<https://www.phoenixcontact.com/pc/products/2305509>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 1 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/ 200/KONFEK/S - Cable

2305512

<https://www.phoenixcontact.com/pc/products/2305512>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 2 m

CABLE-D37SUB/B/B/ 300/KONFEK/S - Cable

2305525

<https://www.phoenixcontact.com/pc/products/2305525>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 3 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/ 400/KONFEK/S - Cable

2900759

<https://www.phoenixcontact.com/pc/products/2900759>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 4 m

CABLE-D37SUB/B/B/ 600/KONFEK/S - Cable

2900760

<https://www.phoenixcontact.com/pc/products/2900760>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 6 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/ 800/KONFEK/S - Cable

2900761

<https://www.phoenixcontact.com/pc/products/2900761>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 8 m

CABLE-D37SUB/B/B/1000/KONFEK/S - Cable

2900762

<https://www.phoenixcontact.com/pc/products/2900762>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 10 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/1500/KONFEK/S - Cable

2900763

<https://www.phoenixcontact.com/pc/products/2900763>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 15 m

CABLE-D37SUB/B/B/2000/KONFEK/S - Cable

2900764

<https://www.phoenixcontact.com/pc/products/2900764>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 20 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/2500/KONFEK/S - Cable

2902074

<https://www.phoenixcontact.com/pc/products/2902074>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 25 m

CABLE-D37SUB/B/B/3000/KONFEK/S - Cable

2902075

<https://www.phoenixcontact.com/pc/products/2902075>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 30 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/3500/KONFEK/S - Cable

2902076

<https://www.phoenixcontact.com/pc/products/2902076>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 35 m

CABLE-D37SUB/B/B/4000/KONFEK/S - Cable

2902077

<https://www.phoenixcontact.com/pc/products/2902077>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 40 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/HF/S/ 1,0M - Cable

2908516

<https://www.phoenixcontact.com/pc/products/2908516>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 1 m

CABLE-D37SUB/B/B/HF/S/ 2,0M - Cable

2908517

<https://www.phoenixcontact.com/pc/products/2908517>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 2 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/HF/S/ 3,0M - Cable

2908518

<https://www.phoenixcontact.com/pc/products/2908518>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 3 m

CABLE-D37SUB/B/B/HF/S/10,0M - Cable

2908522

<https://www.phoenixcontact.com/pc/products/2908522>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 10 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/HF/S/15,0M - Cable

2908523

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Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 15 m

CABLE-D37SUB/B/B/HF/S/20,0M - Cable

2908525

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Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 20 m

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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CABLE-D37SUB/B/B/HF/S/25,0M - Cable

2908526

<https://www.phoenixcontact.com/pc/products/2908526>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: 25 m

CABLE-D37SUB-B-B-HF-S/... - Cable

1075563

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Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB socket strip (1x 37-position); cable length: variable

UM-D37M/DS/FU/DI120V/C300/R - Interface module



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FUSE/TE5/800MA/F-10PCS - Fuse set

2905969

<https://www.phoenixcontact.com/pc/products/2905969>



Plug-in fuse (TE5®); nominal current: 800 mA; tripping behavior: fast-blow (F)

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