

# UM-D37M/16RSC-24DC/DO/C3/R C - Active module



2906195

<https://www.phoenixcontact.com/us/products/2906195>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

VARIOFACE 16-channel module intended for use with Honeywell® Experion C300 24 V digital IOTA, right-hand version, 3 A, 120 V, conformal coating



## Your advantages

- UM-PRO housing
- DIN rail mounting, includes grounding foot
- Per channel pluggable 3 A fusing
- Conformally-coated PCB
- Per channel configuration for NO or NC contacts
- Designed to be mounted on the right side of the cabinet
- LED blown fuse indication

## Commercial data

Item number	2906195
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK219H
GTIN	4055626078052
Weight per piece (including packing)	665.1 g
Weight per piece (excluding packing)	665.1 g
Customs tariff number	85369010
Country of origin	US

## Technical data

### Product properties

Product type	Interface module
No. of channels	16
Operating mode	100% operating factor
Mechanical service life	2x 10 <sup>7</sup> cycles
With components	yes

### Electrical properties

Supported controller: HONEYWELL Experion PKS C300/C-Series

Suitable I/O card	TDOB01 (non-redundant)
	TDOB11 (redundant)
	TDOB51 (non-redundant)
	TDOB61 (redundant)

### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Input voltage range	19.2 V DC ... 26.4 V DC
Typical input current at $U_N$	7 mA
Typical response time	5 ms
Typical release time	15 ms
Protective circuit	Freewheeling diode; Freewheeling diode

### Output data

#### Switching

Contact switching type	1 changeover contact
Contact material	AgSnO
Maximum switching voltage	120 V AC/DC
Minimum switching voltage	12 V
Limiting continuous current	3 A (fuse limited)
Min. switching current	10 mA
Interrupting rating (ohmic load) max.	72 W (24 V DC)
	20 W (48 V DC)
	18 W (60 V DC)
	23 W (110 V DC)
	360 VA (120 V AC)
Error detection (line break / short-circuit)	no

### Connection data

#### Controller level

# UM-D37M/16RSC-24DC/DO/C3/R C - Active module



2906195

<https://www.phoenixcontact.com/us/products/2906195>

Connection method	D-SUB connector
Number of connections	1
Number of positions	37

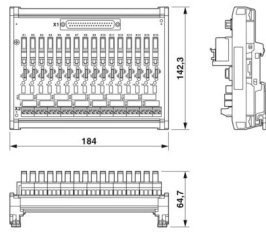
## Field level

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	32
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

## Signaling

Status display present	yes, if the fuse fails
------------------------	------------------------

## Dimensions

Dimensional drawing	
Width	184 mm
Height	142.3 mm
Depth	64.7 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C

## Mounting

Mounting type	DIN rail mounting
---------------	-------------------

# UM-D37M/16RSC-24DC/DO/C3/R C - Active module

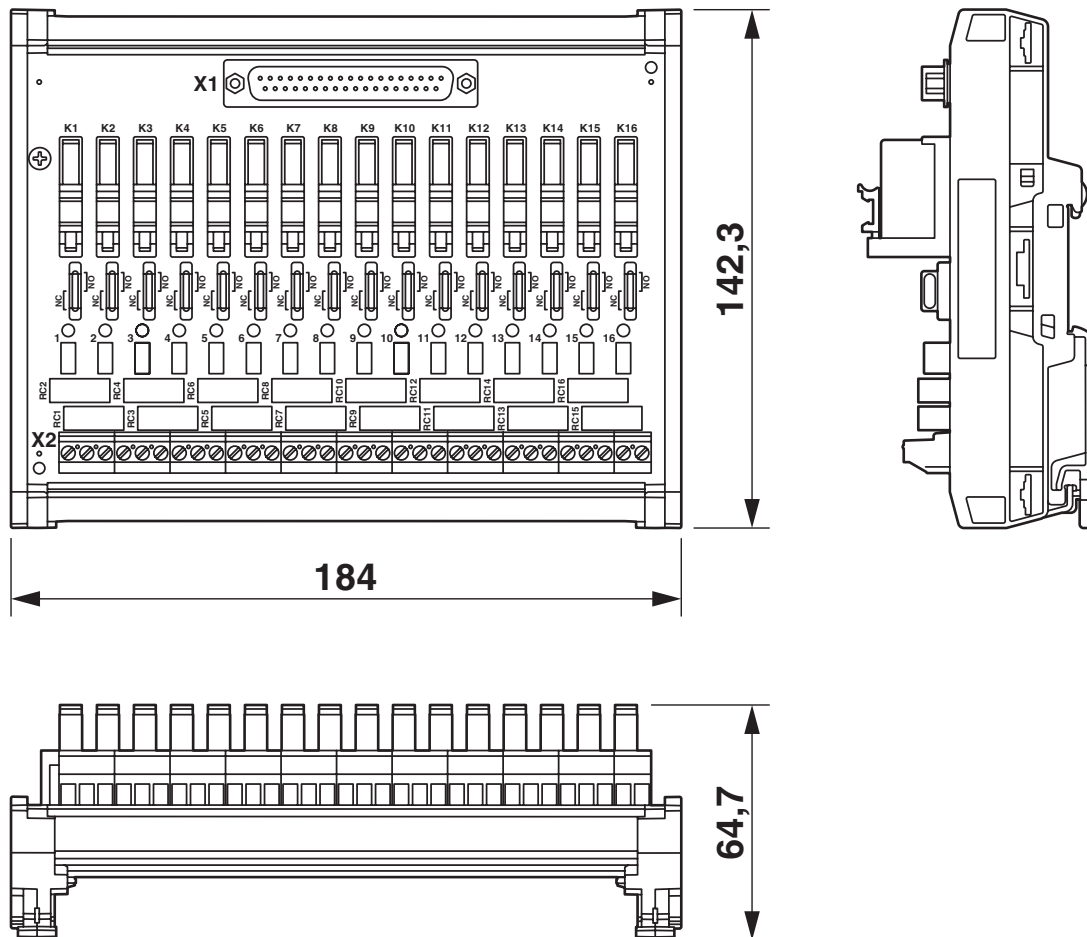


2906195

<https://www.phoenixcontact.com/us/products/2906195>

## Drawings

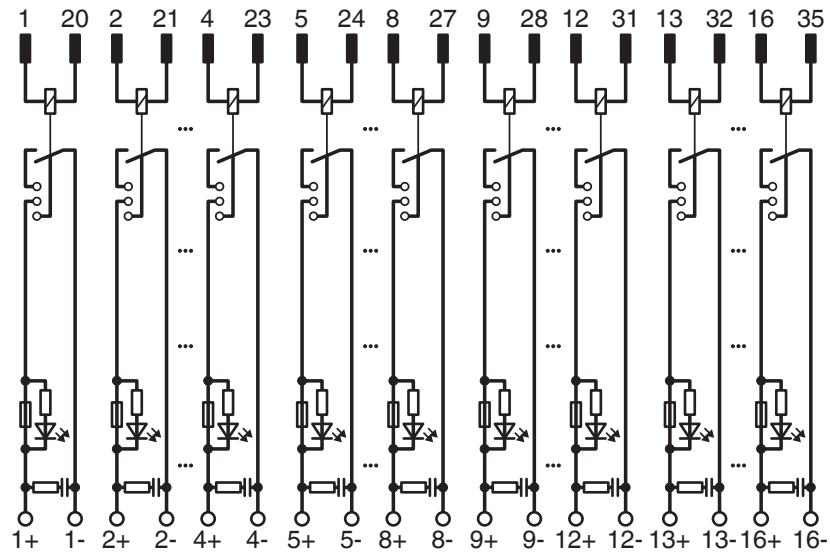
Dimensional drawing



2906195

<https://www.phoenixcontact.com/us/products/2906195>

Circuit diagram



# UM-D37M/16RSC-24DC/DO/C3/R C - Active module



2906195

<https://www.phoenixcontact.com/us/products/2906195>

## Classifications

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

2906195

<https://www.phoenixcontact.com/us/products/2906195>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 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	6fb9a558-867b-4c0e-bed6-b251a5bc4e42

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
 586 Fulling Mill Road  
 Middletown, PA 17057, United States  
 (+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)