

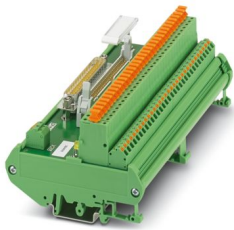
# UM- D37SUB/M/HC3/16DI/LA/FMT - Termination board



2900187

<https://www.phoenixcontact.com/us/products/2900187>

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.



16-channel module with LED for Honeywell C300 modules. The module is controlled by the control system via 37-pos. D-SUB or 50-pos. FLK. A spring-cage connection (1+, 1-,...16+,16-) with knife disconnection is provided in the field. Module width: 170 mm

## Commercial data

Item number	2900187
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DK218H
GTIN	4046356492560
Weight per piece (including packing)	333.5 g
Weight per piece (excluding packing)	315 g
Country of origin	DE

# UM- D37SUB/M/HC3/16DI/LA/FMT - Termination board



2900187

<https://www.phoenixcontact.com/us/products/2900187>

## Technical data

### Product properties

Product type	Interface module
No. of channels	16
Operating mode	100% operating factor

### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (DC)	24 V DC
Operating voltage range	19.2 V DC ... 30 V DC
Current (per branch)	≤ 0.1 A

### Air clearances and creepage distances

Rated insulation voltage	50 V DC
Rated surge voltage	0.5 kV (1.2/50 μs)

### Supported controller: HONEYWELL Experion PKS C300/C-Series

Suitable I/O card	TDIL01 (non-redundant)
-------------------	------------------------

## Connection data

### Connection 1 (control level)

Connection in acc. with standard	IEC 60807-2
Connection method	D-SUB pin strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	37
Insertion/withdrawal cycles	> 500
Pitch	2.77 mm

### Connection 2 (control level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

### Connection 3 (field level)

Connection method	Push-in spring connection
Stripping length	10 mm

# UM- D37SUB/M/HC3/16DI/LA/FMT - Termination board



2900187

<https://www.phoenixcontact.com/us/products/2900187>

Number of positions	34
Note	Conductor
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> 0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule without plastic sleeve) 0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 16
Pitch	5.08 mm

## Connection 4 (field level)

Connection method	PCB terminal block
Type	PCB isolating plugs
Number of positions	32
Pitch	5.08 mm

## Connection 4 (supply)

Connection method	Push-in connection
Stripping length	8 mm
Number of positions	2
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 16

## Signaling

Status display	LED (yellow)
Status display present	yes

## Dimensions

### Item dimensions

Width	168.3 mm
Height	89.6 mm
Depth	65.6 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Approvals

### UKCA

Certificate	UKCA-compliant
-------------	----------------

# UM- D37SUB/M/HC3/16DI/LA/FMT - Termination board



2900187

<https://www.phoenixcontact.com/us/products/2900187>

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
-----------------------	----------------

## Mounting

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

# UM- D37SUB/M/HC3/16DI/LA/FMT - Termination board



2900187

<https://www.phoenixcontact.com/us/products/2900187>

## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 10.0	EC002780
-----------	----------

### UNSPSC

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

# UM- D37SUB/M/HC3/16DI/LA/FMT - Termination board



2900187

<https://www.phoenixcontact.com/us/products/2900187>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

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)