

# FLKM-PA-D37/HW/AN/C300/TAID/P - Front adapter



1081063

<https://www.phoenixcontact.com/pc/products/1081063>

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VARIOFACE front adapter, for Honeywell C300, Series C I/O, maximum of 1 x 16 channels can be connected (37-position D-SUB connector). Specially designed to connect analog I/O cards and transition them to passive operating mode.

## Commercial data

Item number	1081063
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	CK2123
GTIN	4055626807942
Weight per piece (including packing)	132.733 g
Weight per piece (excluding packing)	139 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Front adapter
Product family	VARIOFACE

### Insulation characteristics

Insulation	Functional insulation
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### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (per branch)	≤ 1 A
Current (Per connection, separate power supply)	≤ 4 A

### Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

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

Suitable I/O card	TAID01 (non-redundant)
	TAID11 (redundant)

### Connection data

#### Connection 1 (control level)

Connection method	Plug-in connection
Number of connections	2
Number of positions	16
Pitch	5.08 mm

#### Connection 2 (field 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	2.74 mm

#### Connection 3 (supply)

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Connection method	Push-in spring connection
Stripping length	10 mm
Number of positions	16
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
Pitch	5.08 mm

## Dimensions

### Item dimensions

Width	104.1 mm
Height	44.4 mm
Depth	63.8 mm

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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## Mounting

Mounting type	Plug-in mounting
Mounting position	any

## Notes

General	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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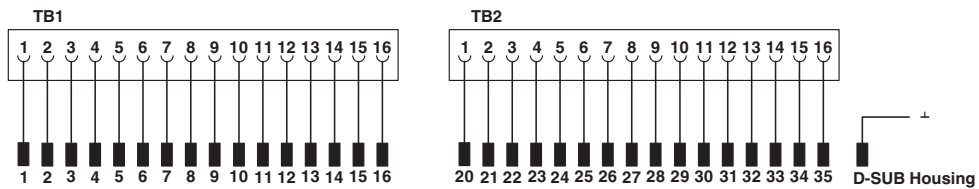


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## Drawings

### Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1081063>



**cUL Recognized**  
Approval ID: FILE E 238705



**UL Recognized**  
Approval ID: FILE E 238705

**cULus Recognized**

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## Classifications

### ECLASS

ECLASS-11.0	27242292
ECLASS-12.0	27242292
ECLASS-13.0	27242292

### ETIM

ETIM 8.0	EC002584
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### UNSPSC

UNSPSC 21.0	32151600
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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## Accessories

### TC-D37SUB-ADIO16-M-P-UNI - Module carrier

2902933

<https://www.phoenixcontact.com/pc/products/2902933>



Universal termination carrier for connecting 16 MINI Analog signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection)

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### TC-D37SUB-AIO16-M-PS-UNI - Module carrier

2902934

<https://www.phoenixcontact.com/pc/products/2902934>



Universal termination carrier for connecting 16 MINI Analog signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection), with HART multiplexer connection

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## TC-D37SUB-ADIO16-MP-P-UNI - Module carrier

2906639

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Universal Termination Carrier for connecting 16 MINI Analog Pro signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection)



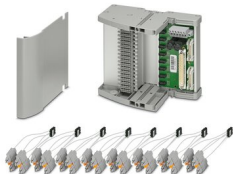
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## TC-D37SUB-AIO16-MP-PS-UNI - Module carrier

2906640

<https://www.phoenixcontact.com/pc/products/2906640>

Universal Termination Carrier for connecting 16 MINI Analog Pro signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection), with HART multiplexer connection



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## TC-D37SUB-ADIO16-EX-P-UNI - Module carrier

2924854

<https://www.phoenixcontact.com/pc/products/2924854>



Universal termination carrier for connecting 16 MACX Analog Ex i signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection)

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## TC-D37SUB-AIO16-EX-PS-UNI - Module carrier

2902932

<https://www.phoenixcontact.com/pc/products/2902932>



Universal termination carrier for connecting 16 MACX Analog Ex i signal conditioners to digital or analog I/O cards, via D-SUB connector, 37-pos. (1:1 connection), with HART multiplexer connection

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## TC-2D37SUB-ADIO32-2EX-P-UNI - Module carrier

2904684

<https://www.phoenixcontact.com/pc/products/2904684>



Universal Termination Carrier for connecting 16 two-channel MACX Analog Ex i signal conditioners to digital or analog I/O cards, via two D-SUB connectors, 37-pos. (1:1 connection)

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