

# VIP-3/SC/D37SUB/M - Interface module



2315146

<https://www.phoenixcontact.com/us/products/2315146>

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VARIOFACE module, with screw connection and male D-SUB miniature pin strip, for mounting on NS 35 rails, 37-pos.

## Your advantages

- 9-pos. ... 50-pos.
- Metal foot
- In accordance with IEC 60603-13
- Screw connection
- 1:1 connection

## Commercial data

Item number	2315146
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	CK2421
Catalog page	Page 553 (C-5-2019)
GTIN	4046356313315
Weight per piece (including packing)	193.5 g
Weight per piece (excluding packing)	191.1 g
Customs tariff number	85366990
Country of origin	US

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## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE Professional
Number of positions	37
No. of channels	37

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	25 V AC
	60 V DC
Max. current carrying capacity per branch	2 A
Rated surge voltage	1.2 kV

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
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
Tightening torque	0.5 Nm ... 0.6 Nm

#### Controller level

Connection method	D-SUB pin strip
Number of connections	1
Number of positions	37

### Signaling

Status display	No
Status display present	No

### Dimensions

#### Item dimensions

Width	72.7 mm
Height	69 mm
Depth	62 mm

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## Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Housing insulation material	Polyamide 6.6 green

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting type	DIN rail 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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# VIP-3/SC/D37SUB/M - Interface module

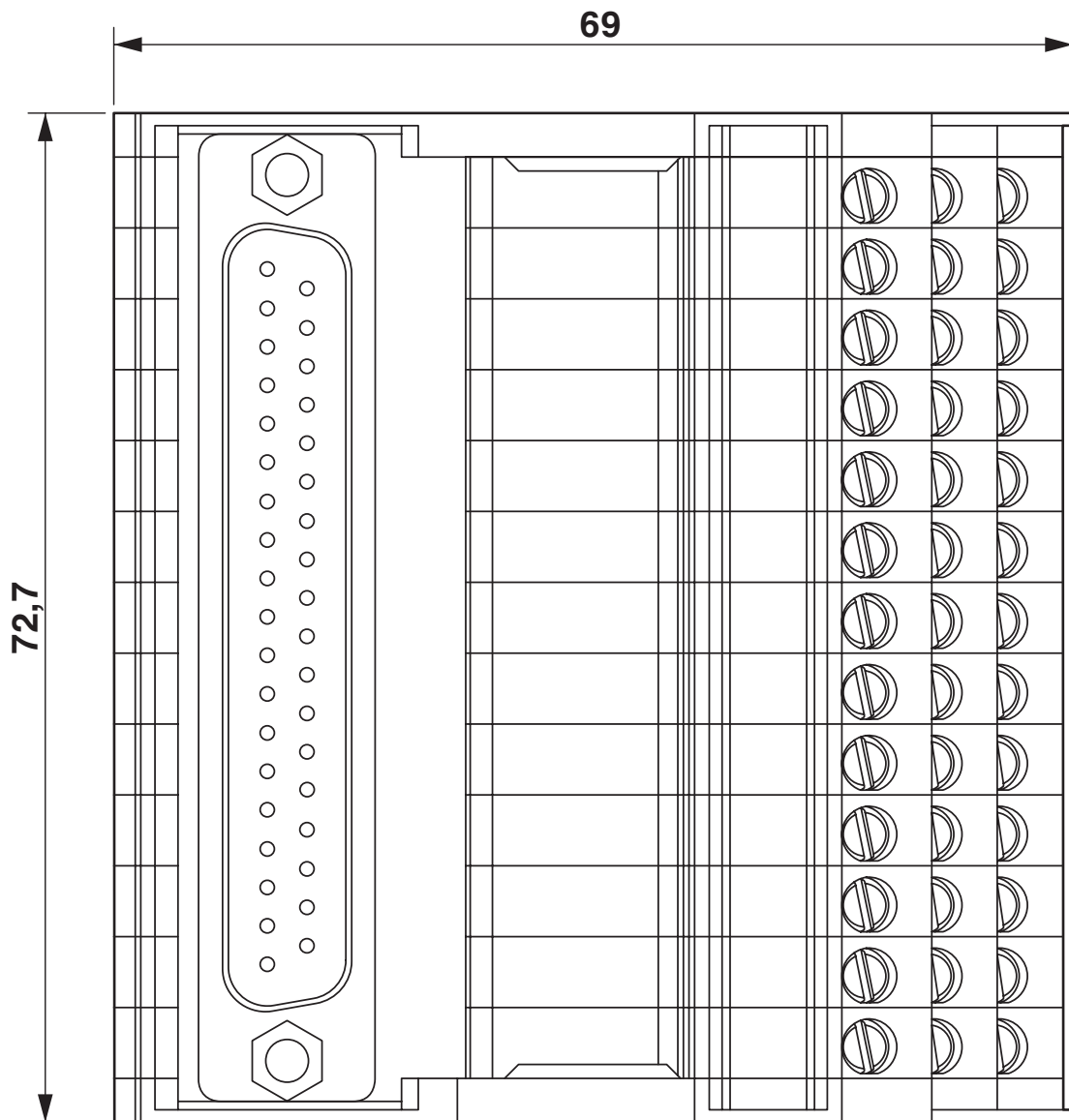


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## Drawings

Dimensional drawing



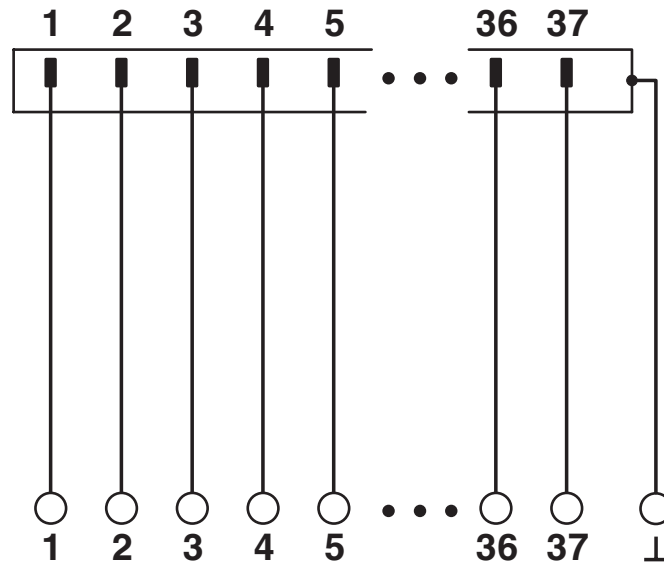
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Circuit diagram



# VIP-3/SC/D37SUB/M - Interface module





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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2315146>

 <b>CSA</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	105 V	2 A	28 - 14	-

 <b>cUL Recognized</b> Approval ID: FILE E 238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	125 V	2 A	30 - 12	-

 <b>UL Recognized</b> Approval ID: FILE E 238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	125 V	2 A	30 - 12	-

 <b>CSAus</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	105 V	2 A	28 - 14	-

<b>cULus Recognized</b>				
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<b>cCSAus</b>				
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# VIP-3/SC/D37SUB/M - Interface module



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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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# VIP-3/SC/D37SUB/M - Interface module



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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"



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## Accessories

### CABLE D-SUB-S/.../.../... - Cable

2302340

<https://www.phoenixcontact.com/us/products/2302340>



Shielded round cable, assembled with one D-SUB female and pin strip (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

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### CABLE D-SUB-B-B-S/.../.../... - Cable

2302421

<https://www.phoenixcontact.com/us/products/2302421>



Shielded round cable, assembled with two D-SUB female strips (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

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## UC-TM 4 - Marker for terminal blocks

0818111

<https://www.phoenixcontact.com/us/products/0818111>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

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## UC-TM 6 - Marker for terminal blocks

0818085

<https://www.phoenixcontact.com/us/products/0818085>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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## UCT-TM 6 - Marker for terminal blocks

0828736

<https://www.phoenixcontact.com/us/products/0828736>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

## ZB 5,08:UNBEDRUCKT - Zack marker strip

0809793

<https://www.phoenixcontact.com/us/products/0809793>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.08 mm, lettering field size: 4.98 x 10.5 mm, Number of individual labels: 10

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## ZB 22:UNBEDRUCKT - Zack marker strip

0811862

<https://www.phoenixcontact.com/us/products/0811862>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 22 mm, lettering field size: 10.5 x 21.8 mm, Number of individual labels: 4

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## CABLE-D37SUB/B/S/ 50/KONFEK/S - Cable

2302191

<https://www.phoenixcontact.com/us/products/2302191>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 0.5 m

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

2302201

<https://www.phoenixcontact.com/us/products/2302201>



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

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## CABLE-D37SUB/B/S/150/KONFEK/S - Cable

2302214

<https://www.phoenixcontact.com/us/products/2302214>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 1.5 m

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

2302227

<https://www.phoenixcontact.com/us/products/2302227>



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

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

2302230

<https://www.phoenixcontact.com/us/products/2302230>



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

# VIP-3/SC/D37SUB/M - Interface module



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<https://www.phoenixcontact.com/us/products/2315146>

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

2302243

<https://www.phoenixcontact.com/us/products/2302243>



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

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

2302256

<https://www.phoenixcontact.com/us/products/2302256>



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

# VIP-3/SC/D37SUB/M - Interface module



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

1066608

<https://www.phoenixcontact.com/us/products/1066608>



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

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

1066609

<https://www.phoenixcontact.com/us/products/1066609>



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



# VIP-3/SC/D37SUB/M - Interface module

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<https://www.phoenixcontact.com/us/products/2315146>

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

1066611

<https://www.phoenixcontact.com/us/products/1066611>



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

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

1075562

<https://www.phoenixcontact.com/us/products/1075562>



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

# VIP-3/SC/D37SUB/M - Interface module



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<https://www.phoenixcontact.com/us/products/2315146>

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

2305509

<https://www.phoenixcontact.com/us/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

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

2305512

<https://www.phoenixcontact.com/us/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

# VIP-3/SC/D37SUB/M - Interface module



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

2305525

<https://www.phoenixcontact.com/us/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

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

2900759

<https://www.phoenixcontact.com/us/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

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

2900760

<https://www.phoenixcontact.com/us/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

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

2900761

<https://www.phoenixcontact.com/us/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

# VIP-3/SC/D37SUB/M - Interface module



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<https://www.phoenixcontact.com/us/products/2315146>

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

2900762

<https://www.phoenixcontact.com/us/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

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

2900763

<https://www.phoenixcontact.com/us/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

# VIP-3/SC/D37SUB/M - Interface module

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<https://www.phoenixcontact.com/us/products/2315146>

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

2900764

<https://www.phoenixcontact.com/us/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

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

2902074

<https://www.phoenixcontact.com/us/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

# VIP-3/SC/D37SUB/M - Interface module

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<https://www.phoenixcontact.com/us/products/2315146>

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

2902075

<https://www.phoenixcontact.com/us/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

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

2902076

<https://www.phoenixcontact.com/us/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

# VIP-3/SC/D37SUB/M - Interface module



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

2902077

<https://www.phoenixcontact.com/us/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

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

2908516

<https://www.phoenixcontact.com/us/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



# VIP-3/SC/D37SUB/M - Interface module



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

2908517

<https://www.phoenixcontact.com/us/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

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

2908518

<https://www.phoenixcontact.com/us/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

# VIP-3/SC/D37SUB/M - Interface module

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

2908522

<https://www.phoenixcontact.com/us/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

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

2908523

<https://www.phoenixcontact.com/us/products/2908523>



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

# VIP-3/SC/D37SUB/M - Interface module

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

2908525

<https://www.phoenixcontact.com/us/products/2908525>



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

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

2908526

<https://www.phoenixcontact.com/us/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

# VIP-3/SC/D37SUB/M - Interface module

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

1075563

<https://www.phoenixcontact.com/us/products/1075563>



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

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## CABLE-D-37SUB/F/OE/0,25/S/0,5M - Cable

2926221

<https://www.phoenixcontact.com/us/products/2926221>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 0.5 m

# VIP-3/SC/D37SUB/M - Interface module

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## CABLE-D-37SUB/F/OE/0,25/S/1,0M - Cable

2926234

<https://www.phoenixcontact.com/us/products/2926234>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 1 m

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## CABLE-D-37SUB/F/OE/0,25/S/1,5M - Cable

2926247

<https://www.phoenixcontact.com/us/products/2926247>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 1.5 m

# VIP-3/SC/D37SUB/M - Interface module

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## CABLE-D-37SUB/F/OE/0,25/S/2,0M - Cable

2926250

<https://www.phoenixcontact.com/us/products/2926250>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 2 m

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## CABLE-D-37SUB/F/OE/0,25/S/3,0M - Cable

2926263

<https://www.phoenixcontact.com/us/products/2926263>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 3 m

# VIP-3/SC/D37SUB/M - Interface module

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## CABLE-D-37SUB/F/OE/0,25/S/4,0M - Cable

2926276

<https://www.phoenixcontact.com/us/products/2926276>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 4 m

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## CABLE-D-37SUB/F/OE/0,25/S/6,0M - Cable

2926289

<https://www.phoenixcontact.com/us/products/2926289>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 6 m

# VIP-3/SC/D37SUB/M - Interface module

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## CABLE-D-37SUB/F/OE/0,25/S/10M - Cable

2906217

<https://www.phoenixcontact.com/us/products/2906217>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 10 m

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## CABLE-D-37SUB/F/OE/0,25/S/15M - Cable

2906218

<https://www.phoenixcontact.com/us/products/2906218>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 15 m



# VIP-3/SC/D37SUB/M - Interface module



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## CABLE-D-37SUB/F/OE/0,25/S/20M - Cable

2906219

<https://www.phoenixcontact.com/us/products/2906219>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: 20 m

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## CABLE-D-37SUB-F-OE-0,25-S/... - Cable

2900907

<https://www.phoenixcontact.com/us/products/2900907>



Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 37-position); cable length: variable

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