

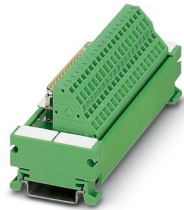
# Interface module - UM 45-D50SUB/B/ZFKDS



2293705

<https://www.phoenixcontact.com/us/products/2293705>

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VARIOFACE module, with spring-cage connection and D-Subminiature socket strip, for mounting on NS 35/7.5, 50-pos.

## Your advantages

- 9-pos. ... 50-pos.
- Spring-cage connection technology
- In accordance with IEC 60807-2
- 1:1 connection

## Commercial Data

Item number	2293705
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	C02
Product Key	CK2223
Catalog Page	Page 308 (IF-2011)
GTIN	4017918120603
Weight per Piece (including packing)	193 g
Weight per Piece (excluding packing)	156.66 g
Customs tariff number	85369010
Country of origin	DE

## Technical Data

### Product properties

Product type	Interface module
Number of positions	50

### Insulation characteristics

Overvoltage category	II
Pollution degree	2
Insulation	Functional insulation

### Electrical properties

Nominal voltage $U_N$	25 V AC
	60 V DC
Max. current carrying capacity per branch	2.5 A
	1.5 A (with even load on all branches)
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Spring-cage connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 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 ... 14

#### Controller level

Connection method	D-SUB socket strip
Number of connections	1
Number of positions	50

### LED signaling

Status display	No
Status display present	No

### Dimensions

Width	156 mm
Height	45 mm
Depth	50 mm

### Material specifications

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Housing insulation material	PVC
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Approval data

### UKCA

Certificate	UKCA-compliant
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## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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## Drawings

Circuit diagram



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## Classifications

### ECLASS

ECLASS-9.0	27141152
ECLASS-10.0.1	27141152
ECLASS-11.0	27141152

### ETIM

ETIM 8.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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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

### Screwdriver

Screwdriver - SZF 0-0,4X2,5 - 1204504

<https://www.phoenixcontact.com/us/products/1204504>



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

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### Cable

Cable - CABLE D-SUB-S/.../.../... - 2302340

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



Shielded round cable, assembled with one D-SUB male and one female connector, variable cable length

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## Cable

Cable - CABLE D-SUB-S-S-S/.../.../... - 2302434

<https://www.phoenixcontact.com/us/products/2302434>



Shielded round cable, assembled with two D-SUB male connectors, variable cable length

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## Cable

Cable - CABLE-D50SUB/B/S/ 50/KONFEK/S - 2302269

<https://www.phoenixcontact.com/us/products/2302269>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 0.5 m

# Interface module - UM 45-D50SUB/B/ZFKDS

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## Cable

Cable - CABLE-D50SUB/B/S/100/KONFEK/S - 2302272

<https://www.phoenixcontact.com/us/products/2302272>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 1 m

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## Cable

Cable - CABLE-D50SUB/B/S/150/KONFEK/S - 2302285

<https://www.phoenixcontact.com/us/products/2302285>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 1.5 m

# Interface module - UM 45-D50SUB/B/ZFKDS

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## Cable

Cable - CABLE-D50SUB/B/S/200/KONFEK/S - 2302298

<https://www.phoenixcontact.com/us/products/2302298>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 2 m

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## Cable

Cable - CABLE-D50SUB/B/S/300/KONFEK/S - 2302308

<https://www.phoenixcontact.com/us/products/2302308>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 3 m

# Interface module - UM 45-D50SUB/B/ZFKDS

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## Cable

Cable - CABLE-D50SUB/B/S/400/KONFEK/S - 2302311

<https://www.phoenixcontact.com/us/products/2302311>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 4 m

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## Cable

Cable - CABLE-D50SUB/B/S/600/KONFEK/S - 2302324

<https://www.phoenixcontact.com/us/products/2302324>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 6 m

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## Cable

Cable - CABLE-D50SUB/B/S/HF/S/ 1,0M - 1066678

<https://www.phoenixcontact.com/us/products/1066678>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 1 m

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## Cable

Cable - CABLE-D50SUB/B/S/HF/S/ 2,0M - 1066679

<https://www.phoenixcontact.com/us/products/1066679>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 2 m

# Interface module - UM 45-D50SUB/B/ZFKDS

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## Cable

Cable - CABLE-D50SUB/B/S/HF/S/ 3,0M - 1066681

<https://www.phoenixcontact.com/us/products/1066681>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 3 m

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## Cable

Cable - CABLE-D50SUB-B-S-HF-S/... - 1075554

<https://www.phoenixcontact.com/us/products/1075554>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: variable

# Interface module - UM 45-D50SUB/B/ZFKDS

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## Cable

Cable - CABLE-D-50SUB/M/OE/0,25/S/0,5M - 2926645

<https://www.phoenixcontact.com/us/products/2926645>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 0.5 m

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## Cable

Cable - CABLE-D-50SUB/M/OE/0,25/S/1,0M - 2926658

<https://www.phoenixcontact.com/us/products/2926658>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 1 m

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## Cable

Cable - CABLE-D-50SUB/M/OE/0,25/S/1,5M - 2926661

<https://www.phoenixcontact.com/us/products/2926661>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 1.5 m

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## Cable

Cable - CABLE-D-50SUB/M/OE/0,25/S/2,0M - 2926674

<https://www.phoenixcontact.com/us/products/2926674>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 2 m

# Interface module - UM 45-D50SUB/B/ZFKDS

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## Cable

Cable - CABLE-D-50SUB/M/OE/0,25/S/3,0M - 2926687

<https://www.phoenixcontact.com/us/products/2926687>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 3 m

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## Cable

Cable - CABLE-D-50SUB/M/OE/0,25/S/4,0M - 2926690

<https://www.phoenixcontact.com/us/products/2926690>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 4 m

# Interface module - UM 45-D50SUB/B/ZFKDS



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## Cable

Cable - CABLE-D-50SUB/M/OE/0,25/S/6,0M - 2926700

<https://www.phoenixcontact.com/us/products/2926700>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 6 m

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## Cable

Cable - CABLE-D-50SUB-M-OE-0,25-S/... - 2900913

<https://www.phoenixcontact.com/us/products/2900913>



Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: variable

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