

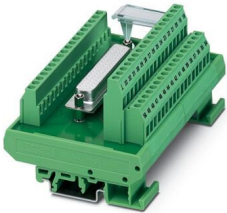
# FLKM-D50 SUB/B - Interface module



2281225

<https://www.phoenixcontact.com/in/products/2281225>

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VARIOFACE module, with screw connection and D-Subminiature socket strip, for mounting on NS 35/7.5 or NS 32, 50-pos.

## Commercial Data

Item number	2281225
Packing unit	5 pc
Minimum order quantity	1 pc
Product Key	CK2222
Catalog Page	Page 225 (IF-2002)
GTIN	4017918054656
Weight per Piece (including packing)	241.2 g
Weight per Piece (excluding packing)	241.2 g
Country of origin	DE

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## Technical Data

### Notes

Notes on operation	No additional touch protection is required when using a SELV/PELV voltage ( $\leq 25$ V AC or 60 V DC).
Notes on operation	Against adjacent modules in the support rail direction at least one functional insulation on the output-side is complied with. If the application has higher requirements on the insulation (basic insulation or reinforced insulation), then these must be realized through suitable measures (e. g. partition plates).

### Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	50
Operating mode	100% operating factor

### 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

Max. permissible operating voltage	25 V AC
	60 V DC
Max. permissible current	2.5 A (per path)
Max. permissible total current	90 A ( $T_A = 50^\circ\text{C}$ )

### Air clearances and creepage distances

Rated insulation voltage	125 V
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	M3
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

#### Controller level

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Connection method	D-SUB socket strip
Number of positions	50

## Signaling

Status display present	No
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## Dimensions

Width	112.5 mm
Height	58.5 mm
Depth	77 mm

## Material specifications

Housing insulation material	Polyamide PA non-reinforced
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	DIN EN 50178
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## Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

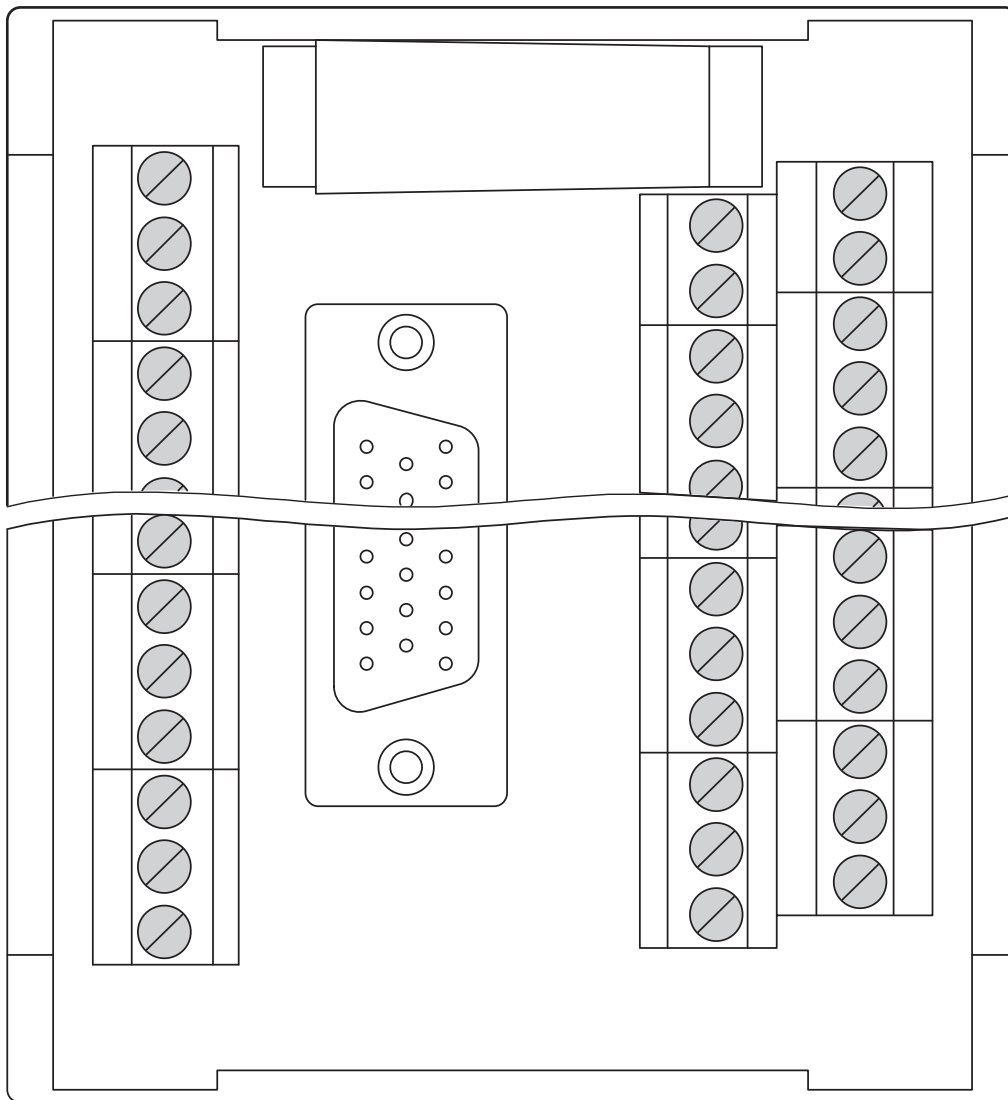
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## Drawings

Schematic diagram



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## Classifications

### ECLASS

ECLASS-11.0

27141152

### ETIM

ETIM 7.0

EC002780

### UNSPSC

UNSPSC 21.0

39121432

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## Environmental Product Compliance

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/in/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-S-S-S/.../.../... - Cable

2302434

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



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

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

2302269

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

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

2302272

<https://www.phoenixcontact.com/in/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-D50SUB/B/S/150/KONFEK/S - Cable

2302285

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

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

2302298

<https://www.phoenixcontact.com/in/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-D50SUB/B/S/300/KONFEK/S - Cable

2302308

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

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

2302311

<https://www.phoenixcontact.com/in/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-D50SUB/B/S/600/KONFEK/S - Cable

2302324

<https://www.phoenixcontact.com/in/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-D50SUB/B/S/HF/S/ 1,0M - Cable

1066678

<https://www.phoenixcontact.com/in/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-D50SUB/B/S/HF/S/ 2,0M - Cable

1066679

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

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

1066681

<https://www.phoenixcontact.com/in/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-D50SUB-B-S-HF-S/... - Cable

1075554

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

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

2926645

<https://www.phoenixcontact.com/in/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-D-50SUB/M/OE/0,25/S/1,0M - Cable

2926658

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

2926661

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

2926674

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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

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

2926687

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

2926690

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

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

2926700

<https://www.phoenixcontact.com/in/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-D-50SUB-M-OE-0,25-S/... - Cable

2900913

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