

## Interface module - DFLK-D50 SUB/B - 2287669

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The VARIOFACE feed-through module implements a 1:1 connection between plug-in screw connection terminal blocks and a D-SUB miniature socket strip (number of positions: 50). There is no separate ground tap.

### Product Features

- 9 to 50-pos.
- 50-pos.: no ground tap
- 9 to 37-pos.: separate ground tap
- According to IEC 60807-2
- 1:1 connection
- Screw connection
- D-SUB 4-40 UNC thread



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 102159
Weight per Piece (excluding packing)	165.8 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	39 mm
Height	143.4 mm
Depth	33 mm

#### Ambient conditions

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## Technical data

### Ambient conditions

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

### General

Max. perm. operating voltage	125 V AC/DC
Max. perm. current (per branch)	2.5 A
Max. permissible current (all branches)	50 A
Number of positions	50
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP20
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II

### Connection data for connection 1

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### Connection data for connection 2

Connection name	Controller level
Connection method	D-SUB socket strip
Number of positions	50

### Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Degree of pollution	2

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## Technical data

### Standards and Regulations

Overvoltage category	II
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## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

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#### Ex Approvals

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## Approvals

Approvals submitted

### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	2.5 A
Nominal voltage U <sub>N</sub>	125 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	2.5 A
Nominal voltage U <sub>N</sub>	125 V

EAC
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EAC
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cULus Recognized
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## Accessories

Accessories

System cable

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



Round shielded cable set, with 50-pos. D-SUB female and male connectors, cable length: 0.5 m

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### Accessories

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



Round shielded cable set, with 50-pos. D-SUB female and male connectors, cable length: 1 m

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



Round shielded cable set, with 50-pos. D-SUB female and male connectors, cable length: 1.5 m

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



Round shielded cable set, with 50-pos. D-SUB female and male connectors, cable length: 2 m

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



Round shielded cable set, with 50-pos. D-SUB female and male connectors, cable length: 3 m

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



Round shielded cable set, with 50-pos. D-SUB female and male connectors, cable length: 4 m

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### Accessories

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



Round shielded cable set, with 50-pos. D-SUB female and male connectors, cable length: 6 m

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



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

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



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

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



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 0.5 m.

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



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 1 m.

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### Accessories

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



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 1.5 m.

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



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 2 m.

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



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 3 m.

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



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 4 m.

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



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: 6 m.

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### Accessories

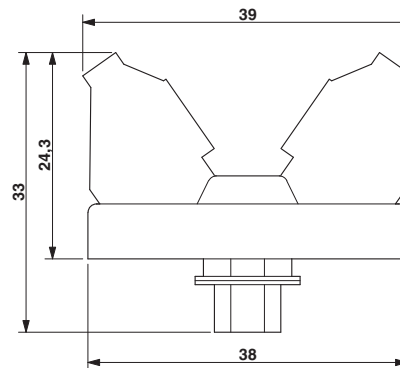
Cable - CABLE-D-50SUB-M-OE-0,25-S/... - 2900913



Shielded cable with a 50-pos. D-SUB pin strip and one open end. The individual wires are labeled 1 to 50 and fitted with ferrules. The braided shield is routed to a separate cable end. Cable length: variable.

### Drawings

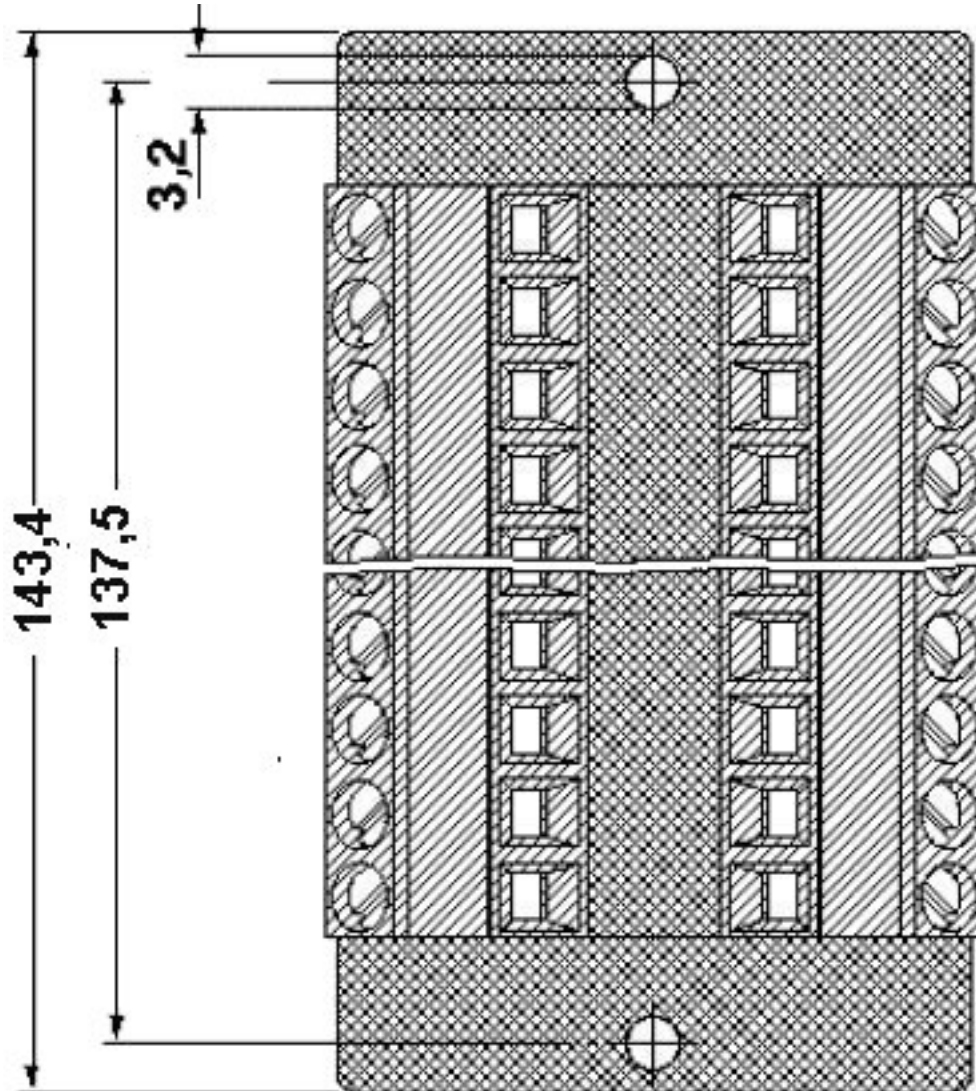
Dimensional drawing



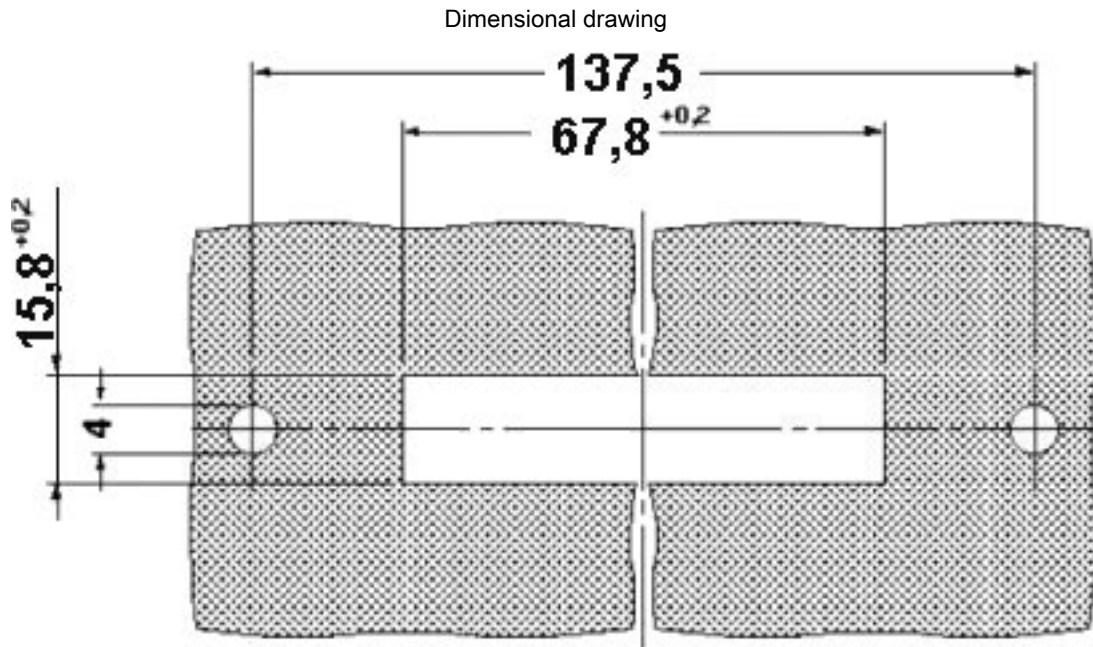


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Dimensional drawing



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