

DFLK-D25 SUB/S - Interface module

2280310

<https://www.phoenixcontact.com/us/products/2280310>



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The VARIOFACE feed-through module implements a 1:1 connection between screw connection terminal blocks and a D-SUB miniature pin strip (number of positions: 25). A separate ground tap is available.

Your advantages

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

Commercial data

Item number	2280310
Packing unit	1 pc
Minimum order quantity	5 pc
Sales key	C422
Product key	CK2225
Catalog page	Page 556 (C-5-2019)
GTIN	4017918054427
Weight per piece (including packing)	84.27 g
Weight per piece (excluding packing)	0.91 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	25

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
Current (per branch)	≤ 2.5 A
Current (Total current)	≤ 50 A (50 °C)

Air clearances and creepage distances

Rated insulation voltage	125 V
Rated surge voltage	1.2 kV (1.2/50 µs)

Connection data

Connection 1 (control 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	25
Insertion/withdrawal cycles	> 500
Pitch	2.77 mm

Connection 2 (field level)

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of positions	26
Conductor cross section rigid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

Signaling

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Status display present	No
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Dimensions

Item dimensions

Width	39.88 mm
Height	83.4 mm
Depth	33 mm

Material specifications

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

Ambient conditions

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

Approvals

UKCA

Certificate	UKCA-compliant
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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Mounting

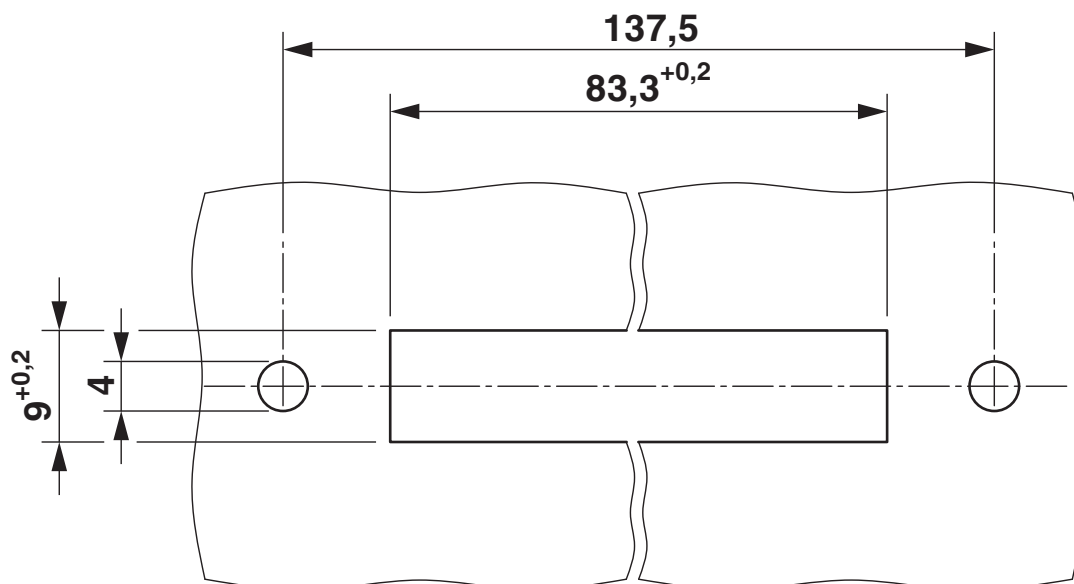
Mounting type	Rear mounting
Mounting position	any

Notes

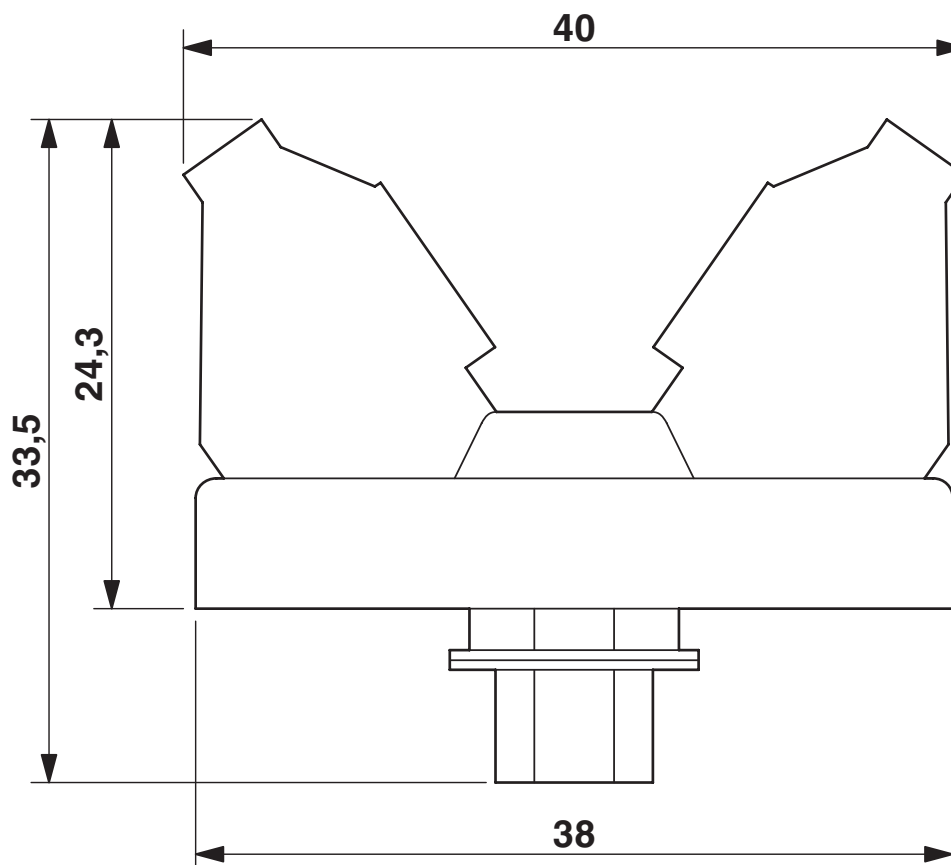
General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Drawings

Dimensional drawing



Dimensional drawing



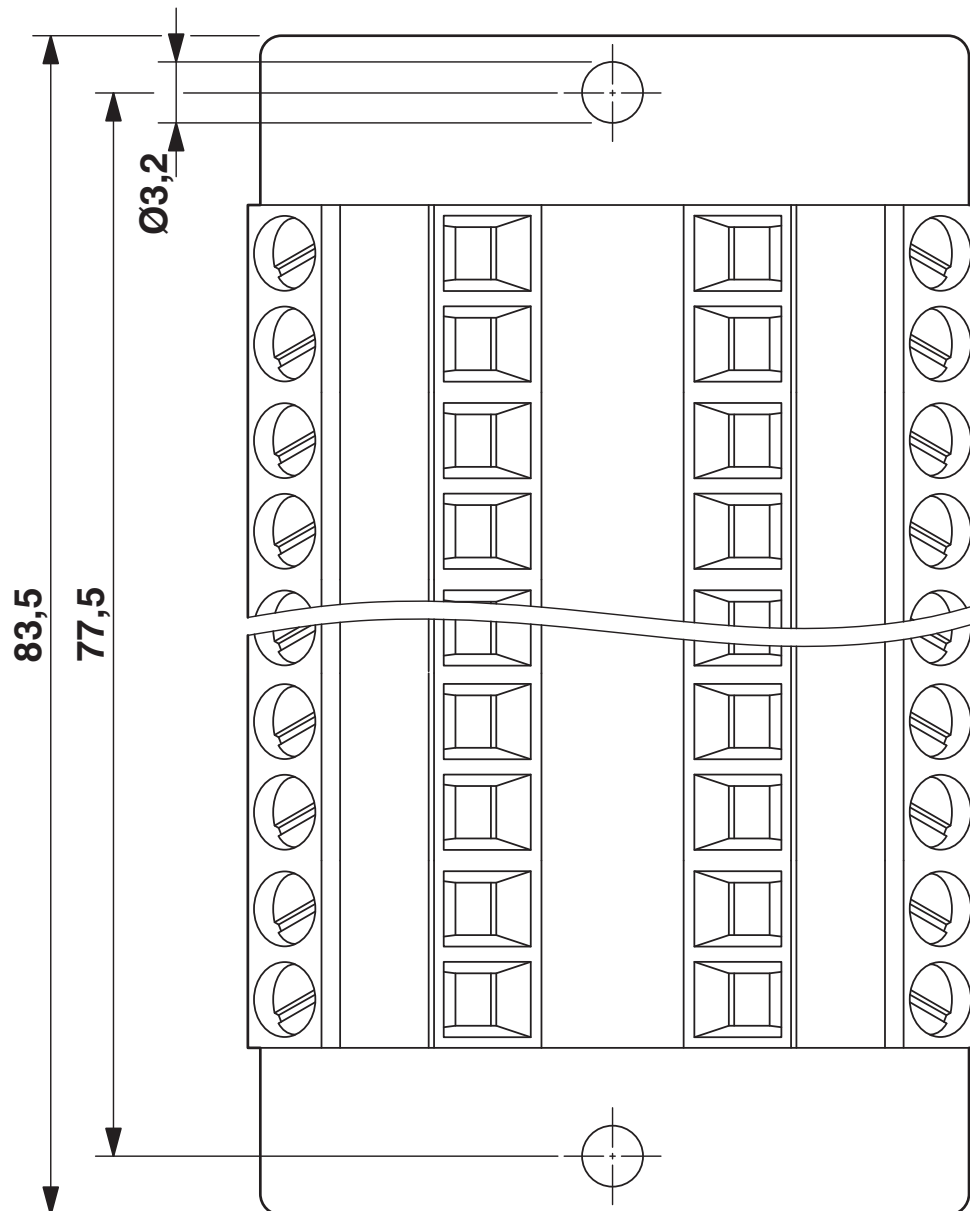
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Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2280310>

 cUL Recognized Approval ID: FILE E 60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	125 V	2.5 A	30 - 12	-

 UL Recognized Approval ID: FILE E 60425				
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cULus Recognized				
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Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	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

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

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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CABLE-D25SUB/B/S/ 50/KONFEK/S - Cable

2302120

<https://www.phoenixcontact.com/us/products/2302120>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 0.5 m

CABLE-D25SUB/B/S/100/KONFEK/S - Cable

2302133

<https://www.phoenixcontact.com/us/products/2302133>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

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CABLE-D25SUB/B/S/150/KONFEK/S - Cable

2302146

<https://www.phoenixcontact.com/us/products/2302146>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1.5 m

CABLE-D25SUB/B/S/200/KONFEK/S - Cable

2302159

<https://www.phoenixcontact.com/us/products/2302159>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 2 m

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CABLE-D25SUB/B/S/300/KONFEK/S - Cable

2302162

<https://www.phoenixcontact.com/us/products/2302162>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m

CABLE-D25SUB/B/S/400/KONFEK/S - Cable

2302175

<https://www.phoenixcontact.com/us/products/2302175>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 4 m

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CABLE-D25SUB/B/S/600/KONFEK/S - Cable

2302188

<https://www.phoenixcontact.com/us/products/2302188>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 6 m

CABLE-D25SUB/B/S/HF/S/ 1,0M - Cable

1066665

<https://www.phoenixcontact.com/us/products/1066665>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

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CABLE-D25SUB/B/S/HF/S/ 2,0M - Cable

1066666

<https://www.phoenixcontact.com/us/products/1066666>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 2 m

CABLE-D25SUB/B/S/HF/S/ 3,0M - Cable

1066667

<https://www.phoenixcontact.com/us/products/1066667>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m

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CABLE-D25SUB-B-S-HF-S/... - Cable

1075559

<https://www.phoenixcontact.com/us/products/1075559>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: variable

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

2926153

<https://www.phoenixcontact.com/us/products/2926153>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 0.5 m

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

2926166

<https://www.phoenixcontact.com/us/products/2926166>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 1 m

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

2926179

<https://www.phoenixcontact.com/us/products/2926179>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 1.5 m

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

2926182

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 2 m

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

2926195

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 3 m

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

2926205

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 4 m

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

2926218

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 6 m

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

2906214

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 10 m

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

2906215

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 15 m

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

2906216

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 20 m

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

2900906

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: variable

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com