

# DFLK-D50 SUB/S - Interface module



2291286  
<https://www.phoenixcontact.com/it/products/2291286>

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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 pin strip (number of positions: 50). There is no separate ground pick-off available.

## Your advantages

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

## Commercial data

Item number	2291286
Packing unit	5 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CK2
Product key	CK2225
Catalog page	Page 556 (C-5-2019)
GTIN	4017918058333
Weight per piece (including packing)	162.586 g
Weight per piece (excluding packing)	146.528 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	50

### 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	50
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	52
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	143.4 mm
Depth	33.07 mm

## Material specifications

Color	gray (RAL 7042)
Housing insulation material	Polyamide PA non-reinforced

## 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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# DFLK-D50 SUB/S - Interface module

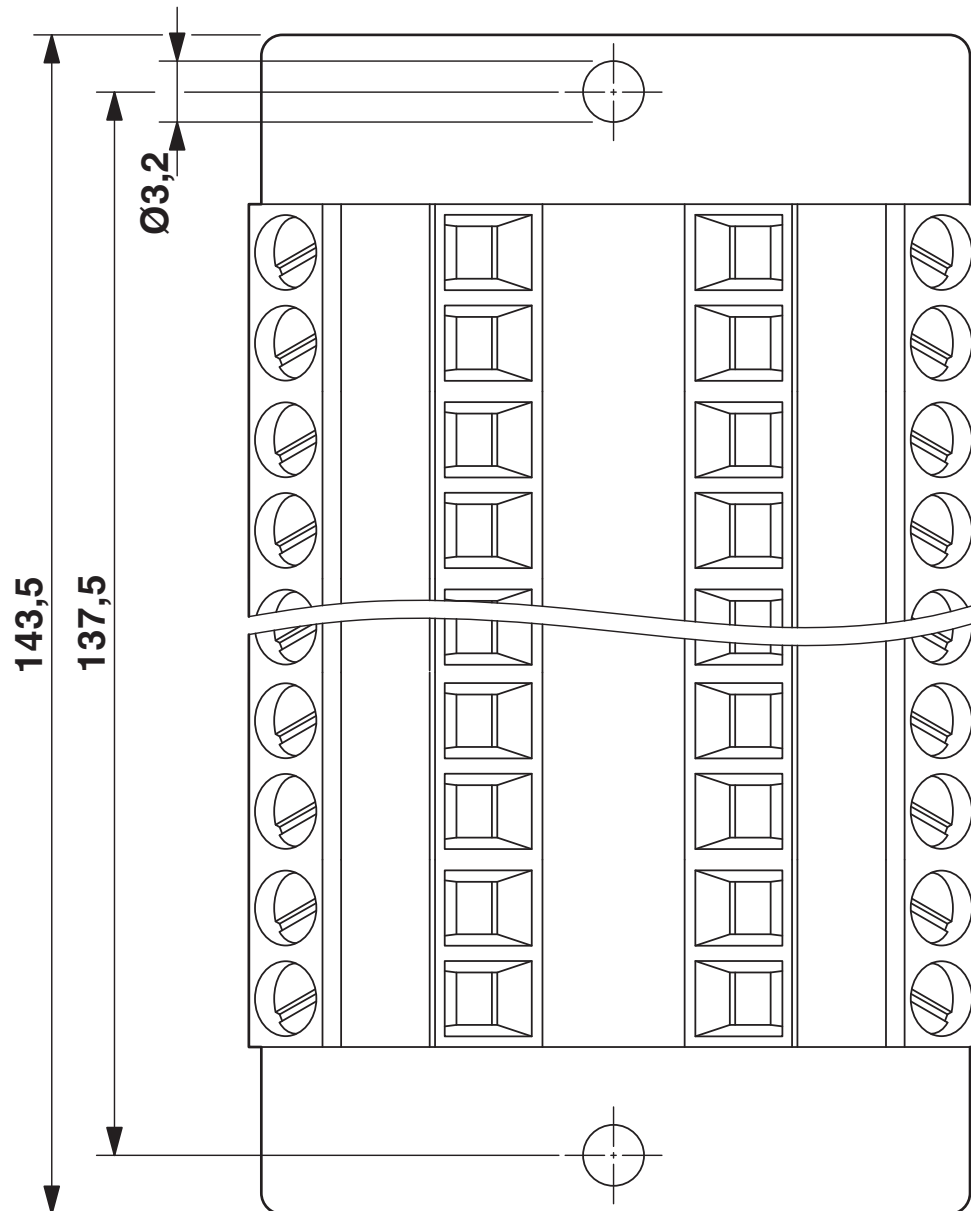
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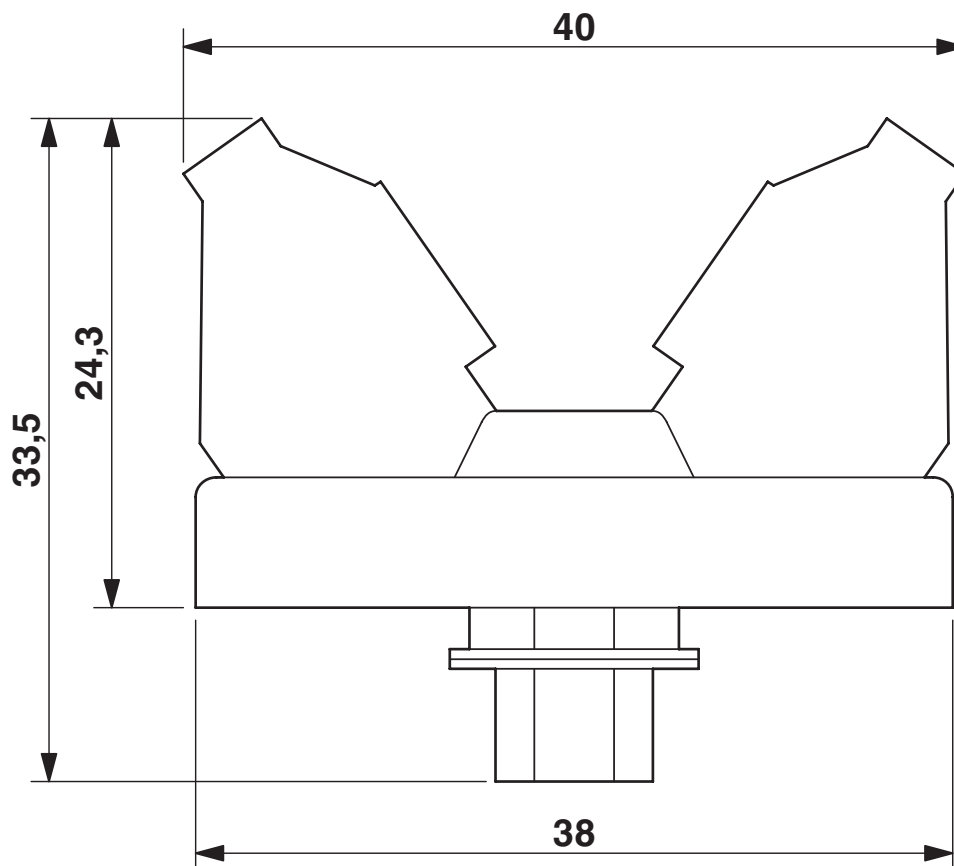


## Drawings

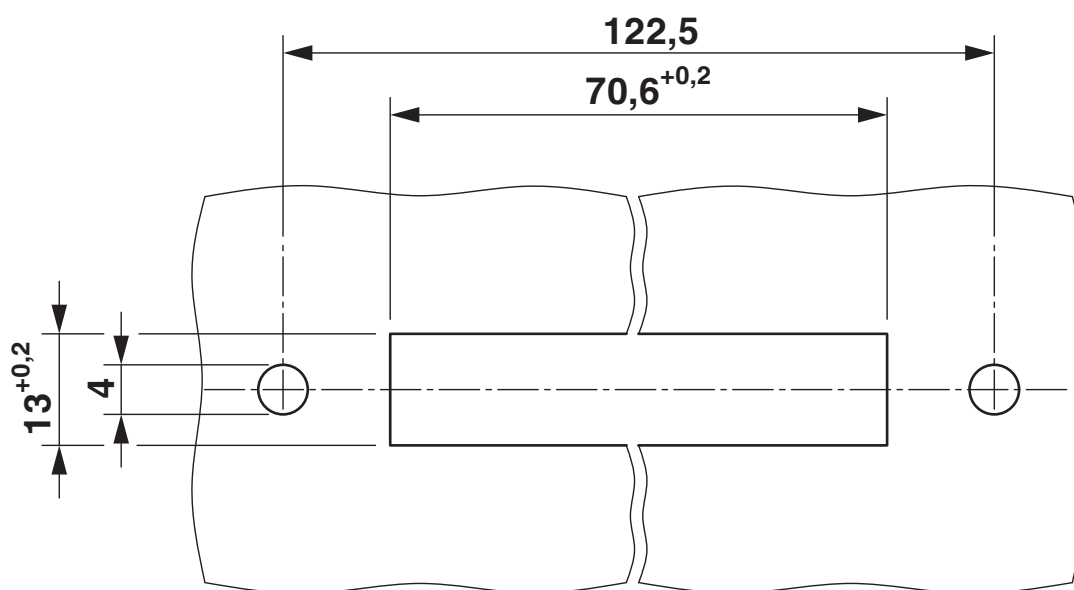
Dimensional drawing



Dimensional drawing



Dimensional drawing




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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/it/products/2291286>

 <b>cUL Recognized</b> Approval ID: FILE E 60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	125 V	2.5 A	30 - 12	-

 <b>UL Recognized</b> Approval ID: FILE E 60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	125 V	2.5 A	30 - 12	-

<b>cULus Recognized</b>				
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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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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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03228 Vilnius  
+370 5 2106321  
[balticinfo@phoenixcontact.com](mailto:balticinfo@phoenixcontact.com)