

# DFLK-32 SMKDS3/SMKDS3 - Termination board



2300889

<https://www.phoenixcontact.com/in/products/2300889>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



VARIOFACE feed-through module, for direct 1:1 coupling of individual signal cables up to 2.5 mm<sup>2</sup>, via angled screw connection terminal blocks at both ends; no. of positions: 32

## Commercial data

Item number	2300889
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	DK2AC8
GTIN	4017918903237
Weight per piece (including packing)	155.97 g
Weight per piece (excluding packing)	155.97 g
Customs tariff number	85369010
Country of origin	DE

# DFLK-32 SMKDS3/SMKDS3 - Termination board



2300889

<https://www.phoenixcontact.com/in/products/2300889>

## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	32

### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	150 V AC/DC
Max. current carrying capacity per branch	4 A

### Air clearances and creepage distances

Rated insulation voltage	300 V
Rated surge voltage	2.5 kV

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of positions	32
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

Connection method	Screw connection
Number of positions	32
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>

### Signaling

Status display present	No
------------------------	----

### Dimensions

#### Item dimensions

Width	180 mm
Height	27.5 mm

# DFLK-32 SMKDS3/SMKDS3 - Termination board



2300889

<https://www.phoenixcontact.com/in/products/2300889>

Depth	49 mm
-------	-------

## Material specifications

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

## 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)	-30 °C ... 70 °C
Altitude	max. 2000 m

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN 60664-1
-----------------------	------------

## Mounting

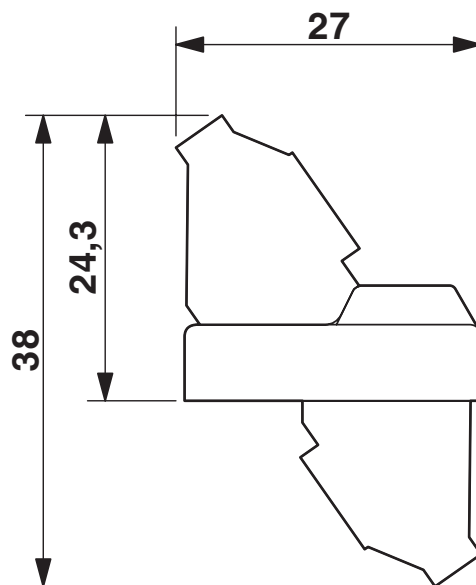
Mounting type	Rear mounting
Assembly note	in rows with zero spacing
Mounting position	any

## Notes

Notes on operation	The necessary requirements for insulation (basic insulation or reinforced insulation) from adjacent modules (in DIN-rail direction) must be realized by applying suitable measures (e. g., partition plates).
Notes on operation	Ensure that the supply voltage of the device has a common reference potential.
Notes on operation	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.

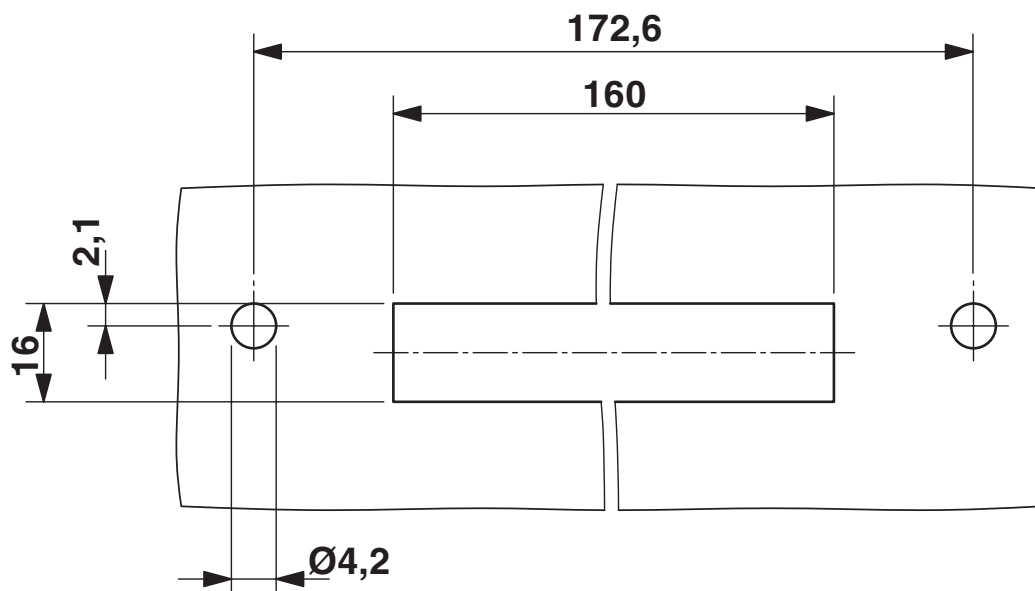
## Drawings

Dimensional drawing



Dimensional drawing DFLK-32 SMKDS3/SMKDS3

Dimensional drawing



Dimensioning of the housing cutout

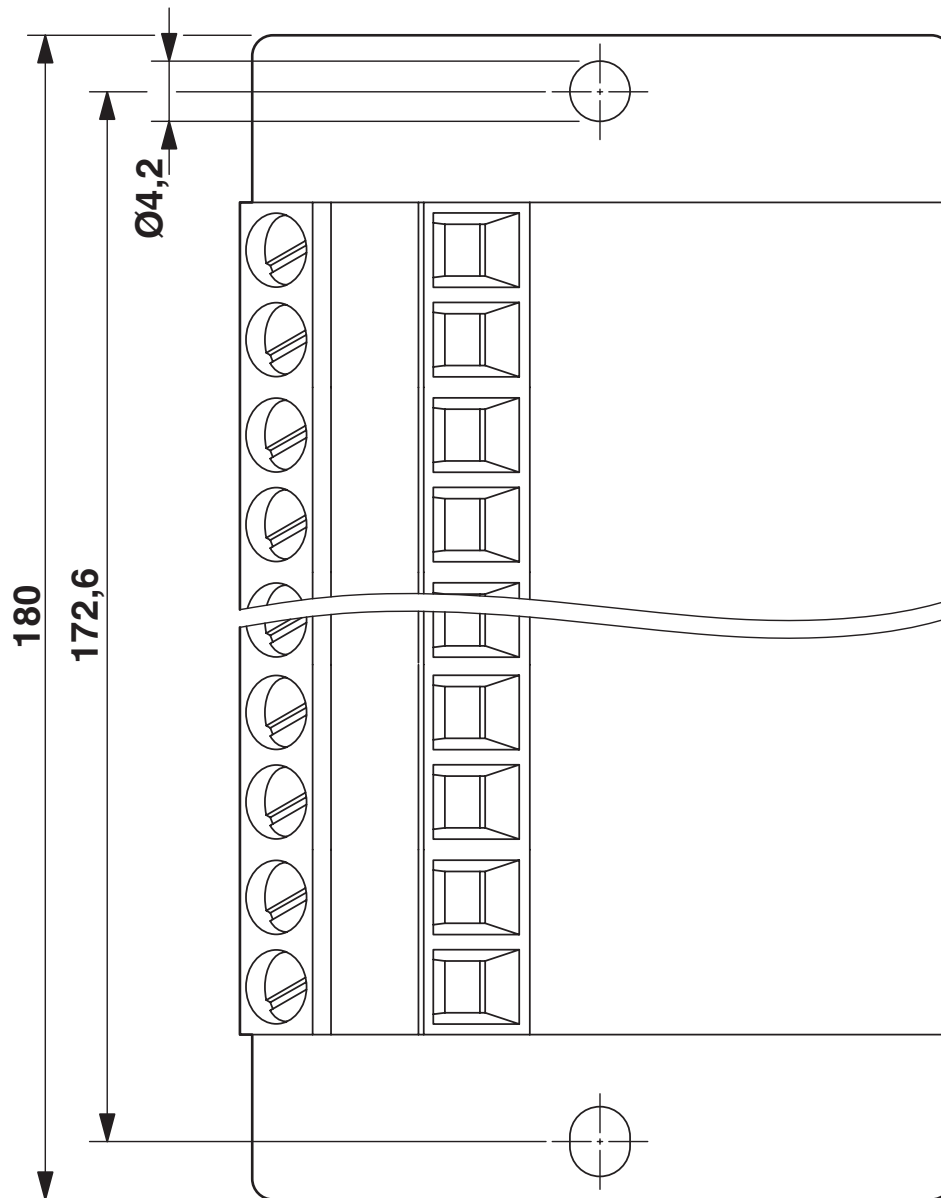
# DFLK-32 SMKDS3/SMKDS3 - Termination board

2300889

<https://www.phoenixcontact.com/in/products/2300889>



Dimensional drawing



# DFLK-32 SMKDS3/SMKDS3 - Termination board



2300889

<https://www.phoenixcontact.com/in/products/2300889>

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/2300889>



**EAC**

Approval ID: RU\*DE.\*09.B.00387/20

# DFLK-32 SMKDS3/SMKDS3 - Termination board



2300889

<https://www.phoenixcontact.com/in/products/2300889>

## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-13.0	27141152
ECLASS-12.0	27141152

### ETIM

ETIM 9.0	EC002780
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# DFLK-32 SMKDS3/SMKDS3 - Termination board



2300889

<https://www.phoenixcontact.com/in/products/2300889>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)