

# FLKM-D25 SUB/B/SO377 - Termination board



2291901

<https://www.phoenixcontact.com/us/products/2291901>

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VARIOFACE interface module, with screw connection and D-SUB miniature female connector, for mounting on NS 35/7.5 or NS 32, 25-pos.

## Commercial data

Item number	2291901
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2A82
GTIN	4017918244439
Weight per piece (including packing)	210.3 g
Weight per piece (excluding packing)	141 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Number of positions	25

#### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	24 V DC
Max. current carrying capacity per branch	2.5 A

#### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 $\mu$ s)

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Number of positions	30
Conductor cross-section rigid	0.5 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	D-SUB socket strip
Number of positions	25

### Signaling

Status display	no
Status display present	no

### Dimensions

#### Item dimensions

Width	90 mm
Height	90 mm
Depth	68 mm

### Material specifications

Color	green (RAL 6021)
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Housing insulation material	PVC
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	≤ 2000 m

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

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.
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## Classifications

### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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