

# UM 45-D50SUB/S/FRONT/Q - Termination board



2959654

<https://www.phoenixcontact.com/us/products/2959654>

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VARIOFACE SLIM LINE, with screw connection and D-subminiature pin strip, for assembly at a right angle on NS 35/7.5, 50 positions



## Commercial data

Item number	2959654
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK21A2
GTIN	4017918086305
Weight per piece (including packing)	322.7 g
Weight per piece (excluding packing)	288.57 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Number of positions	50

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	25 V AC
	60 V DC
Max. current carrying capacity per branch	2.5 A
	1 A (with even load on all branches)
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV (Functional insulation)

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
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	D-SUB pin strip
Number of connections	1
Number of positions	50

### Signaling

Status display present	no
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### Dimensions

#### Item dimensions

Width	45 mm
Height	185.8 mm
Depth	46.69 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	IP20
Ambient temperature (operation)	-10 °C ... 50 °C
Ambient temperature (storage/transport)	-10 °C ... 70 °C

## Standards and regulations

Standards/regulations	DIN EN 50178
	IEC 60664

## 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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## Drawings

Circuit diagram



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## Classifications

### UNSPSC

UNSPSC 21.0	39121432
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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-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

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