

UM 45-D50SUB/B/FRONT/Q - Termination board



2959641

<https://www.phoenixcontact.com/us/products/2959641>

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



Commercial data

Item number	2959641
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK21A2
GTIN	4017918086299
Weight per piece (including packing)	318.6 g
Weight per piece (excluding packing)	297.96 g
Customs tariff number	85369010
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 ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Controller level

Connection method	D-SUB socket 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	187 mm
Depth	45 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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