UM 25-D 9SUB/B/FRONT/Q - Termination board

2959560

https://www.phoenixcontact.com/us/products/2959560

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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, 9 positions

Commercial data

Item number	2959560
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	CK21A2
Catalog page	Page 574 (C-5-2017)
GTIN	4017918086213
Weight per piece (including packing)	115.01 g
Weight per piece (excluding packing)	79.95 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

Product type	Interface module
Number of positions	9

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)	≤ 22.5 A

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 socket strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	9
Insertion/withdrawal cycles	> 500
Pitch	2.74 mm

Connection 2 (field level)

Connection method	Screw connection
Stripping length	9 mm
Screw thread	M3
Number of positions	10
Conductor cross section rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm² ... 0.75 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
	0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve)
	0.25 mm² ... 1.5 mm² (Ferrule with plastic sleeve)
Conductor cross section flexible (2 conductors with same cross section)	0.2 mm² ... 0.75 mm²
	0.25 mm² ... 0.34 mm² (Ferrule without plastic sleeve)
Conductor cross section AWG	24 ... 14

Tightening torque	0.4 Nm ... 0.5 Nm
Pitch	5 mm

Signaling

Status display present	No

Dimensions

Item dimensions

Width	25 mm
Height	117 mm
Depth	46.492303 mm

Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC

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

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1

Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

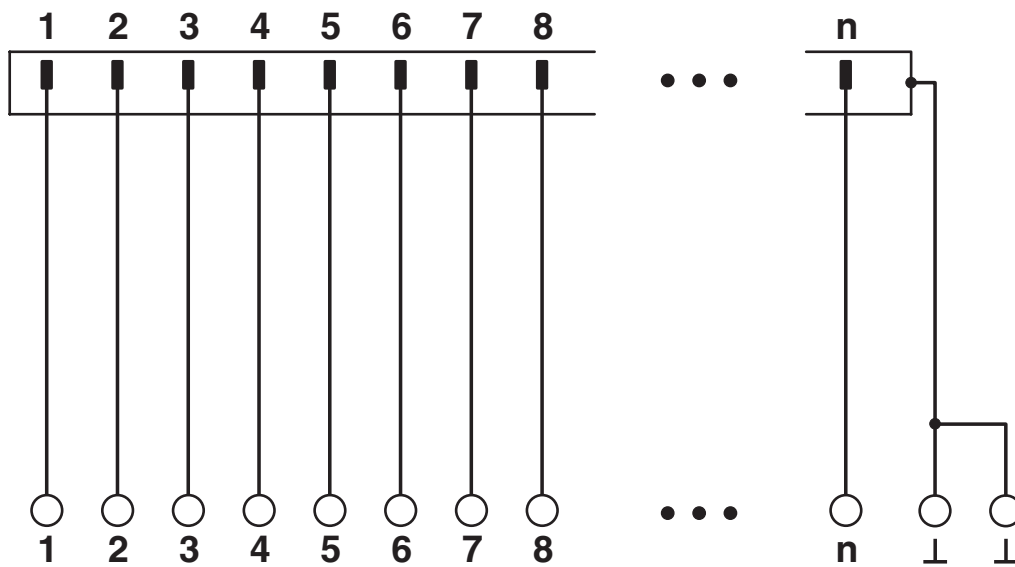| Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

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Drawings

Circuit diagram

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002780

UNSPSC

UNSPSC 21.0	39121400

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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%