

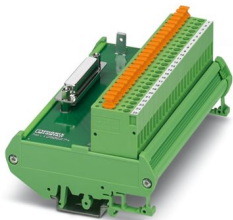
UM-D25SUB-F/KDS3-PMT/SC061 - Termination board



2906274

<https://www.phoenixcontact.com/us/products/2906274>

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VARIOFACE module, with 25-pos. D-SUB socket strip and screw connection with knife disconnection, for mounting on NS 35/7,5 or NS 32

Commercial data

Item number	2906274
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	DK2A82
GTIN	4055626057316
Weight per piece (including packing)	300 g
Weight per piece (excluding packing)	300 g
Country of origin	DE

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

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Current (per branch)	≤ 2 A
Current (Total current)	≤ 4 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-25 female connector
Screw thread	UNC 4-40
Number of connections	1
Number of positions	25
Insertion/withdrawal cycles	> 500
Pitch	2.77 mm

Connection 2 (field level)

Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3
Number of positions	25
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm² ... 1 mm²
Conductor cross-section flexible	0.2 mm² ... 4 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 ... 1 mm²
	0.25 mm² ... 0.75 mm² (Ferrule without plastic sleeve)
	0.5 mm² ... 1 mm² (TWIN ferrule with plastic sleeve)

Conductor cross-section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm
Pitch	5.08 mm

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	130.5 mm
Height	89.6 mm
Depth	65.78 mm

Material specifications

Color	green (RAL 6021)
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Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
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
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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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

ECLASS

ECLASS-13.0	27141152
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ETIM

ETIM 8.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
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.)	Lead(CAS: 7439-92-1)