

# UM 25-D25SUB/B/FRONT/Q - Termination board



2959609

<https://www.phoenixcontact.com/us/products/2959609>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

VARIOFACE SLIM LINE, with screw connection and D-subminiature socket strip, for assembly at a right angle on NS 35/7.5, 25 positions



## Commercial data

Item number	2959609
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK21A2
GTIN	4017918086251
Weight per piece (including packing)	216.2 g
Weight per piece (excluding packing)	156.86 g
Customs tariff number	85369010
Country of origin	DE

# UM 25-D25SUB/B/FRONT/Q - Termination board



2959609

<https://www.phoenixcontact.com/us/products/2959609>

## 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)	≤ 2.5 A
Current (Total current)	≤ 45 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	25
Insertion/withdrawal cycles	> 500
Pitch	2.77 mm

#### Connection 2 (field level)

Connection method	Screw connection
Stripping length	9 mm
Screw thread	M3
Number of positions	26
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.2 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 0.34 mm <sup>2</sup> (Ferrule without plastic sleeve)
Conductor cross-section AWG	24 ... 14

# UM 25-D25SUB/B/FRONT/Q - Termination board



2959609

<https://www.phoenixcontact.com/us/products/2959609>

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

## Signaling

Status display present	no
------------------------	----

## Dimensions

### Item dimensions

Width	25 mm
Height	217 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.
--------------------	--

# UM 25-D25SUB/B/FRONT/Q - Termination board



2959609

<https://www.phoenixcontact.com/us/products/2959609>

## Drawings

Circuit diagram



# UM 25-D25SUB/B/FRONT/Q - Termination board



2959609

<https://www.phoenixcontact.com/us/products/2959609>

## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 10.0	EC002780
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# UM 25-D25SUB/B/FRONT/Q - Termination board



2959609

<https://www.phoenixcontact.com/us/products/2959609>

## Environmental product compliance

### 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)