

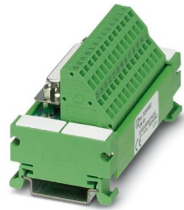
# UM 45-D25SUB/B/ZFKDS - Termination board



2293682

<https://www.phoenixcontact.com/us/products/2293682>

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 module, with spring-cage connection and D-Subminiature socket strip, for mounting on NS 35/7.5, 25-pos.

## Your advantages

- 9-pos. ... 50-pos.
- Spring-cage connection technology
- In accordance with IEC 60807-2
- 1:1 connection

## Commercial data

Item number	2293682
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK21A2
GTIN	4017918120580
Weight per piece (including packing)	112.8 g
Weight per piece (excluding packing)	117 g
Customs tariff number	85369010
Country of origin	DE

# UM 45-D25SUB/B/ZFKDS - Termination board



2293682

<https://www.phoenixcontact.com/us/products/2293682>

## Technical data

### Product properties

Product type	Interface module
Number of positions	25
No. of channels	16

### 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)	≤ 62.5 A

### Air clearances and creepage distances

Rated insulation voltage	125 V
Rated surge voltage	1.2 kV (1.2/50 μs)

### Supported controller: ABB S800 I/O

Suitable I/O card	DI810
	DI811
	DI814
	DI818
	DI830
	DI831
	DI840
	DI885
	DO810
	DO814
	DO818
	DO840
	DP820
	DP840
	AI810
	AI820
	AI830
	AI835
	AI845
	AO810
	AO820
	AO845

# UM 45-D25SUB/B/ZFKDS - Termination board



2293682

<https://www.phoenixcontact.com/us/products/2293682>

## 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	Spring-cage connection
Stripping length	7.5 mm
Number of positions	26
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 1.5 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 AWG	24 ... 14
Pitch	5.08 mm

## Signaling

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

## Dimensions

### Item dimensions

Width	90 mm
Height	45 mm
Depth	49.7 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

# UM 45-D25SUB/B/ZFKDS - Termination board



2293682

<https://www.phoenixcontact.com/us/products/2293682>

## 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 45-D25SUB/B/ZFKDS - Termination board

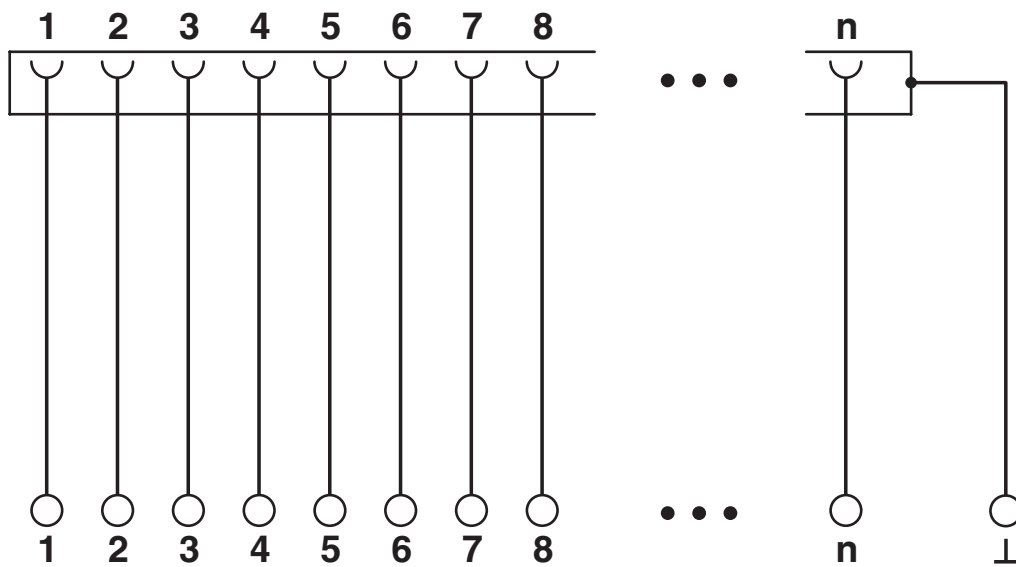


2293682

<https://www.phoenixcontact.com/us/products/2293682>

## Drawings

Circuit diagram



# UM 45-D25SUB/B/ZFKDS - Termination board



2293682

<https://www.phoenixcontact.com/us/products/2293682>

## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

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

### UNSPSC

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

# UM 45-D25SUB/B/ZFKDS - Termination board



2293682

<https://www.phoenixcontact.com/us/products/2293682>

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

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)