

UM 45-D15SUB/S - Termination board

2962780

<https://www.phoenixcontact.com/us/products/2962780>



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 screw connection and D-subminiature pin strip, for assembly on NS 35/7.5, 15 positions

Commercial data

Item number	2962780
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK21A2
GTIN	4017918087449
Weight per piece (including packing)	81.1 g
Weight per piece (excluding packing)	49.86 g
Customs tariff number	85369010
Country of origin	DE

UM 45-D15SUB/S - Termination board

2962780

<https://www.phoenixcontact.com/us/products/2962780>



Technical data

Product properties

Product type	Interface module
Number of positions	15

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Oversupply 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)	≤ 37.5 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 pin strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	15
Insertion/withdrawal cycles	> 500
Pitch	2.74 mm

Connection 2 (field level)

Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Number of positions	16
Conductor cross-section rigid	0.14 mm ² ... 1.5 mm ²
Conductor cross-section rigid (2 conductors with same cross section)	0.14 mm ² ... 0.75 mm ²
Conductor cross-section flexible	0.14 mm ² ... 1.5 mm ²
	0.25 mm ² ... 1 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.14 mm ² ... 0.75 mm ²
	0.25 mm ² ... 0.5 mm ² (Ferrule without plastic sleeve)
	0.5 mm ² ... 1 mm ² (TWIN ferrule with plastic sleeve)

UM 45-D15SUB/S - Termination board

2962780

<https://www.phoenixcontact.com/us/products/2962780>



Conductor cross-section AWG	26 ... 16
Tightening torque	0.5 Nm ... 0.6 Nm
Pitch	5.08 mm

Signaling

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

Dimensions

Item dimensions	
Width	64 mm
Height	45 mm
Depth	43.12 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 45-D15SUB/S - Termination board

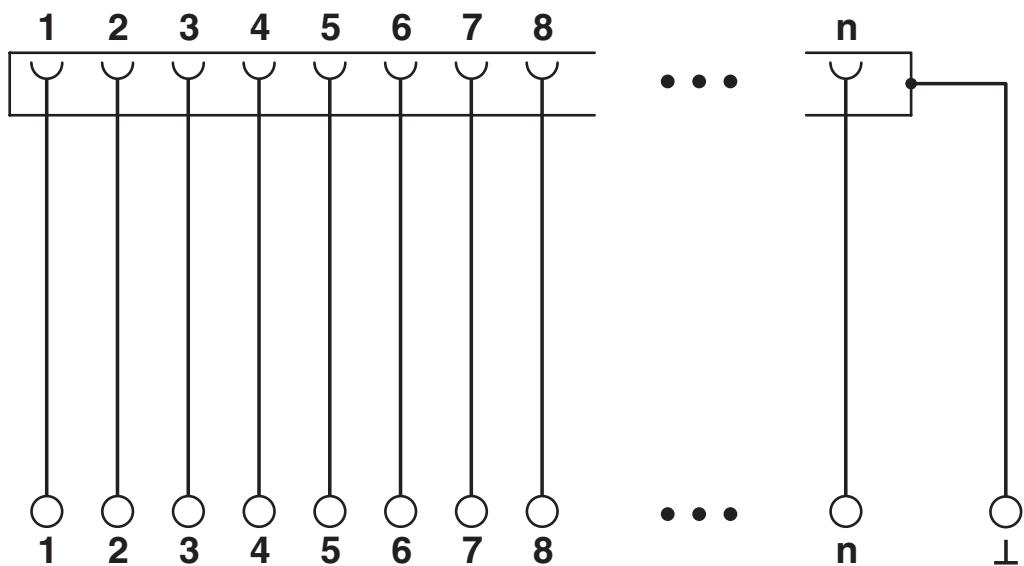
2962780

<https://www.phoenixcontact.com/us/products/2962780>



Drawings

Circuit diagram



UM 45-D15SUB/S - Termination board

2962780

<https://www.phoenixcontact.com/us/products/2962780>



Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2962780>

		cUL Recognized		
		Approval ID: E118976		
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
keine				
Field wiring		125 V	2.5 A	30 - 14
				-

		UL Recognized		
		Approval ID: E118976		
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
keine				
Field wiring		125 V	2.5 A	30 - 14
				-

UM 45-D15SUB/S - Termination board

2962780

<https://www.phoenixcontact.com/us/products/2962780>



Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 9.0	EC002780
----------	----------

UNSPSC

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

UM 45-D15SUB/S - Termination board

2962780

<https://www.phoenixcontact.com/us/products/2962780>



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 2025 © - 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