

# UM 45-MKDS/MDSTBW/ 8SI/SO262 - Termination board



2319443

<https://www.phoenixcontact.com/us/products/2319443>

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Fuse module, with screw connection, COMBICON connectors with stand-off and encoding against incorrect connection, for mounting on NS 35/7,5 or NS 32

## Commercial data

Item number	2319443
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2A88
GTIN	4046356364898
Weight per piece (including packing)	295.4 g
Weight per piece (excluding packing)	245 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
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#### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	III
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	230 V AC
Max. current carrying capacity per branch	2 A

#### Air clearances and creepage distances

Rated insulation voltage	230 V
Rated surge voltage	4 kV (1.2/50 $\mu$ s)

### Connection data

#### PCB connection

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Number of positions	8
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 14

#### COMBICON connection

Connection method	Screw connection
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> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

### Dimensions

#### Item dimensions

Width	48.5 mm
Height	45 mm
Depth	160 mm

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)

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Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	max. 2000 m

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
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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

### 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
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### 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%
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