

# EMG 45-DIO 8E-1N5408 - Diode block

2949389

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Diode module, with eight diodes, can be individually wired, diode type 1N 5408

## Your advantages

- Electrical decoupling of messages in fault reporting systems
- Spark-suppression diodes for limiting surge voltages of inductive loads

## Commercial data

Item number	2949389
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	CK4
Product key	CK4M11
Catalog page	Page 266 (C-5-2019)
GTIN	4017918083779
Weight per piece (including packing)	91.84 g
Weight per piece (excluding packing)	91.84 g
Customs tariff number	85411000
Country of origin	DE

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## Technical data

### Product properties

Product type	Diode module
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### Insulation characteristics

Pollution degree	2
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### Input data

#### Diode

Description of the input	8 diodes, individually wired
Diode type	1 N 5408
Max. operating voltage $U_{max}$	250 V AC
Peak reverse voltage per diode	1000 V
Reverse current per diode	10 $\mu$ A
Conducting state voltage per diode	approx. 0.8 V
Conducting state current per diode	1.5 A (with single load) 0.3 A (with simultaneous loads)

### Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 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

Width	45 mm
Height	75 mm
Depth	55 mm

### Material specifications

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

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

### Approvals

#### CE

Certificate	CE-compliant
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Note	and EN 61326
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## Standards and regulations

Standards/regulations	DIN EN 50178
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## Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

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