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	DK6
Product key	DK66M1
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

Insulation characteristics

Pollution degree	2

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 µA
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 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Dimensions

Width	45 mm
Height	75 mm
Depth	55 mm

Material specifications

Color	green (RAL 6021)

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

Standards and regulations

Standards/regulations	DIN EN 50178

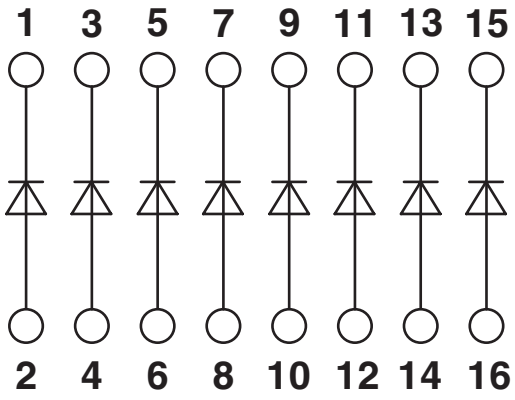
Mounting

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

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Drawings

Circuit diagram



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Approvals

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EAC
Approval ID: RU*DE*08.B.01841/19

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Classifications

ECLASS

ECLASS-13.0	27371010
ECLASS-15.0	27371010

ETIM

ETIM 9.0	EC000683

UNSPSC

UNSPSC 21.0	32151500

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	9c10f9ea-7275-4ee1-b6e5-cc09e13108c7

EF3.0 Climate Change

CO2e kg	1.304 kg CO2e

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