

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

2949389

<https://www.phoenixcontact.com/us/products/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	1 pc
Minimum order quantity	1 pc
Sales key	C440
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 μ 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 ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Dimensions

Width	45 mm
Height	75 mm
Depth	55 mm

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
Note	and EN 61326

Standards and regulations

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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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Approvals

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EAC

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

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Classifications

ECLASS

ECLASS-11.0	27371010
ECLASS-12.0	27371010
ECLASS-13.0	27371010

ETIM

ETIM 8.0	EC000683
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UNSPSC

UNSPSC 21.0	32151500
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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