

## Diode block - EMG 45-DIO 8E-1N5408 - 2949389

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 083779
GTIN	4017918083779
Weight per Piece (excluding packing)	92.000 g
Custom tariff number	85411000
Country of origin	Germany

### Technical data

#### Dimensions

Width	45 mm
Height	75 mm
Depth	55 mm

#### Ambient conditions

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

#### General

## Diode block - EMG 45-DIO 8E-1N5408 - 2949389

### Technical data

#### General

Diode type	1 N 5408
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)
Mounting position	any
Assembly instructions	In rows with zero spacing

#### Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	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

#### Standards and Regulations

Standards/regulations	DIN EN 50178
Pollution degree	2

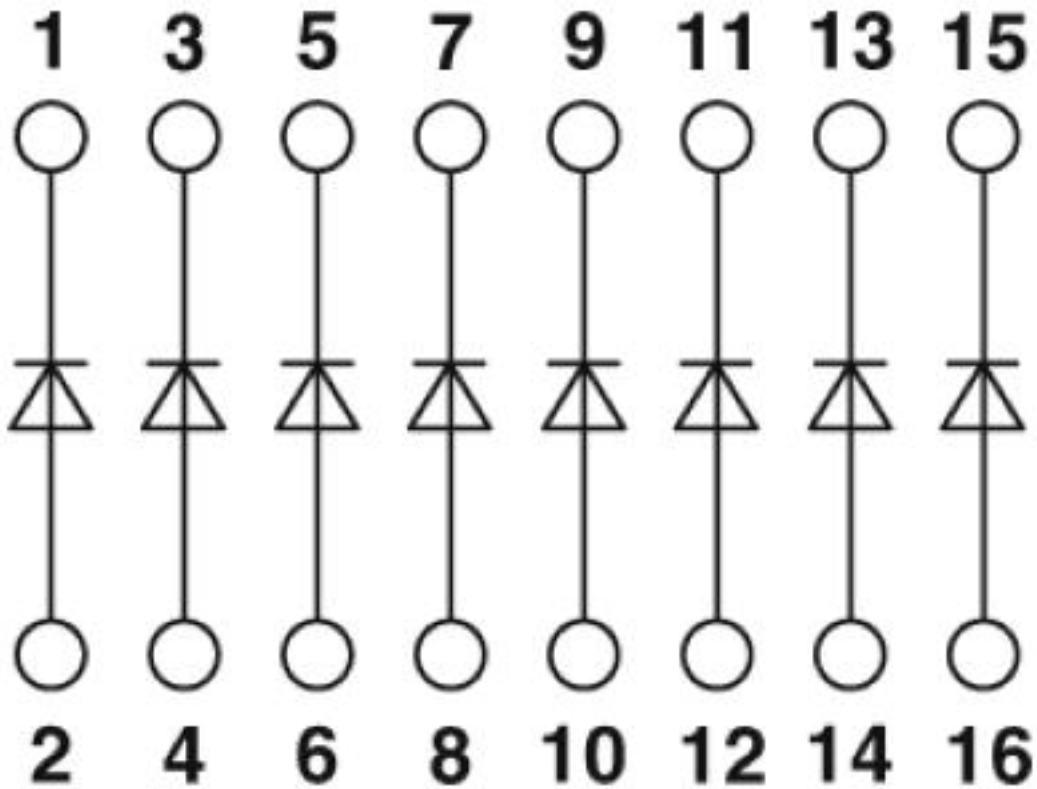
#### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

# Diode block - EMG 45-DIO 8E-1N5408 - 2949389

Circuit diagram



## Classifications

eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27260800
eCl@ss 5.0	27371000
eCl@ss 5.1	27371000
eCl@ss 6.0	27371000
eCl@ss 7.0	27371010
eCl@ss 8.0	27371010
eCl@ss 9.0	27371010

ETIM

ETIM 4.0	EC000683
ETIM 5.0	EC000683
ETIM 6.0	EC000683

# Diode block - EMG 45-DIO 8E-1N5408 - 2949389

## Classifications

### ETIM

ETIM 7.0	EC000683
----------	----------

### UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	32151504

## Approvals

### Approvals

---

### Approvals

### EAC

---

### Ex Approvals

---

### Approval details

EAC		RU C- DE.A*30.B.01082
-----	--	--------------------------

## Accessories

### Accessories

### Marking material - EMG-GKS 12 - 2947035



Device marking label, width: 12 mm, area: 12 x 8 mm, e.g. for EML(10x7) R adhesive marking material