

## Diode block - EMG 45-DIO 8E - 2950103

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Diode module, with 8 diodes, individually wired, diode type 1N 4007

### Why buy this product

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



### Key Commercial Data

Packing unit	5 STK
GTIN	 4 017918 083953
GTIN	4017918083953

### 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 type	1 N 4007
Peak reverse voltage per diode	1300 V
Reverse current per diode	5 µA
Conducting state voltage per diode	approx. 0.8 V
Conducting state current per diode	0.7 A (with single load)
	0.5 A (with simultaneous loads)

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## Technical data

### General

Standards/specifications	DIN EN 50178
Mounting position	any
Assembly instructions	In rows with zero spacing

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Stripping length	8 mm
Screw thread	M3
Connection method	Screw connection

### Standards and Regulations

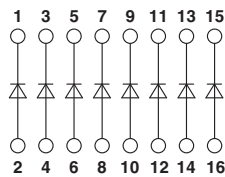
Standards/regulations	DIN EN 50178
Conformance	CE-compliant

### Environmental Product Compliance

REACH SVHC	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

Circuit diagram



## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

## Diode block - EMG 45-DIO 8E - 2950103

### Approvals

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#### Approval details

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