

## Diode block - EMG 22-DIO 4E - 2950048

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Diode module, with 4 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	10 pc
GTIN	 4 017918 083922
Weight per Piece (excluding packing)	45.18 g
Custom tariff number	85411000
Country of origin	Germany

### Technical data

#### Dimensions

Width	22.5 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
Max. operating voltage	250 V AC
Peak reverse voltage per diode	1300 V
Reverse current per diode	5 µA

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## Technical data

### General

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)
Surge voltage category	III, basic insulation (as per 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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3
Connection method	Screw connection

## Classifications

### eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27260801
eCl@ss 5.0	27260801
eCl@ss 5.1	27260801
eCl@ss 6.0	27242602
eCl@ss 7.0	27242602
eCl@ss 8.0	27242602

### ETIM

ETIM 2.0	EC001432
ETIM 3.0	EC001597
ETIM 4.0	EC001597
ETIM 5.0	EC001596

### UNSPSC

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

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## Approvals

Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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Approval details



## Accessories

Accessories

Marking material - EMG-GKS 12 - 2947035



Equipment marker, width 12 mm

## Drawings

Circuit diagram

