

Diode block - EMG 22-DIO 4E - 2950048

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Diode module, with 4 diodes, individually wired, diode type 1N 4007

Your advantages

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 083922
GTIN	4017918083922
Weight per Piece (excluding packing)	46.130 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

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Technical data

General

Diode type	1 N 4007
Peak reverse voltage per diode	1300 V
Reverse current per diode	5 μ A
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)
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 ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Standards and Regulations

Standards/regulations	DIN EN 50178
Pollution degree	2

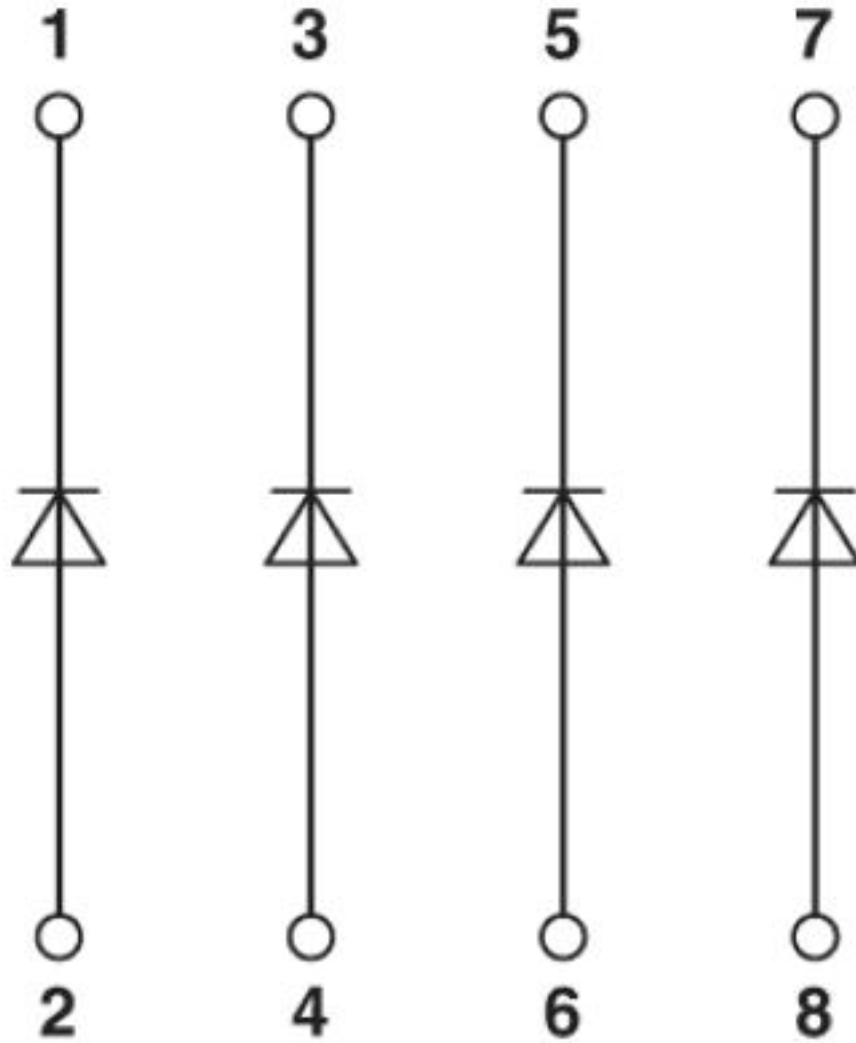
Environmental Product Compliance

	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 22-DIO 4E - 2950048

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

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Classifications

eCl@ss

eCl@ss 9.0	27371010
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ETIM

ETIM 4.0	EC000683
ETIM 5.0	EC000683
ETIM 6.0	EC000683
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
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