

# EMG 22-DIO 4E - Diode block

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

## Commercial data

Item number	2950048
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C440
Product key	CK4M11
Catalog page	Page 266 (C-5-2019)
GTIN	4017918083922
Weight per piece (including packing)	45.18 g
Weight per piece (excluding packing)	45.18 g
Customs tariff number	85411000
Country of origin	DE

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## Technical data

### Product properties

Product type	Diode module
Insulation characteristics	
Pollution degree	2

### Input data

Diode	
Description of the input	4 diodes, individually connected
Diode type	1 N 4007
Max. operating voltage $U_{\max}$	250 V AC
Peak reverse voltage per diode	1300 V
Reverse current per diode	5 $\mu$ 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)

### Connection data

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

### Dimensions

Width	22.5 mm
Height	75 mm
Depth	55 mm

### Material specifications

Color	green (RAL 6021)
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### 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

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Note	and EN 61326
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## Standards and regulations

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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