

EMG 45-DIO 8E - Diode block

2950103

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Diode module, with 8 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	2950103
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	C440
Product key	CK4M11
Catalog page	Page 266 (C-5-2019)
GTIN	4017918083953
Weight per piece (including packing)	85.88 g
Weight per piece (excluding packing)	85.88 g
Customs tariff number	85411000
Country of origin	DE

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Technical data

Product properties

Product type	Diode module
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Input data

Diode

Description of the input	8 diodes, individually wired
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 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)

Connection data

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

Dimensions

Width	45 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
Note	and EN 61326

Standards and regulations

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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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