EMG 22-DIO 7M - Diode block

2950077

https://www.phoenixcontact.com/us/products/2950077

Diode module, with 7 diodes, common anode, diode type 1N 4007

Your advantages

• Spark-suppression diodes for limiting surge voltages of inductive loads

Commercial data

Item number	2950077
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C440
Product key	CK4M11
Catalog page	Page 266 (C-5-2019)
GTIN	4017918083946
Weight per piece (including packing)	44.64 g
Weight per piece (excluding packing)	44.64 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	7 diodes, common anode
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 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)

Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

Dimensions

Width	22.5 mm
Height	75 mm
Depth	55 mm

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

2950077

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Standards/regulations	DIN EN 50178

Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2950077

EAC
Approval ID: RU*DE*08.B.01841/19

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Classifications

ECLASS

ECLASS-11.0	27371010
ECLASS-12.0	27371010
ECLASS-13.0	27371010

ETIM

ETIM 8.0	EC000683

UNSPSC

UNSPSC 21.0	32151500

Environmental product compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

EMG-GKS 12 - Marking material

2947035

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Device marking label, width: 12 mm, area: 12 x 8 mm, e.g. for EML(10x7) R adhesive marking material

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com