EMG 22-DIO 7P - Diode block

2950064

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Diode module, for extension with 7 1N 4007 diodes, common cathode

Your advantages

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

Commercial data

Item number	2950064
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	C440
Product key	DK66M1
GTIN	4017918083939
Weight per piece (including packing)	44.95 g
Weight per piece (excluding packing)	44.95 g
Customs tariff number	85411000
Country of origin	DE

Technical data

Product properties

Product type	Diode module

Insulation characteristics

Pollution degree	2

Input data

Diode

Description of the input	7 diodes, common cathode
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

Material specifications

Color	green (RAL 6021)

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

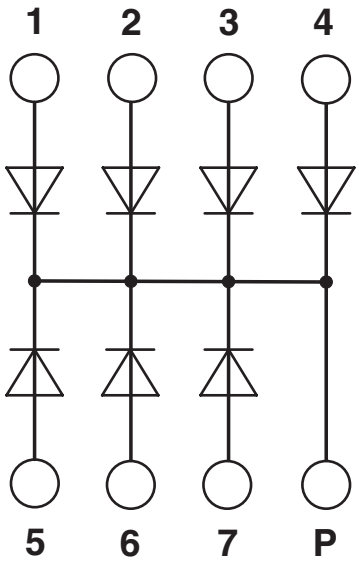
Standards/regulations	DIN EN 50178

Mounting

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

Drawings

Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27371010
ECLASS-15.0	27371010

ETIM

ETIM 10.0	EC000683

UNSPSC

UNSPSC 21.0	32151500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	b36e43dd-de9d-42ce-836e-5657674eb4a0

EF3.1 Climate Change

CO2e kg	0.642 kg CO2e

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