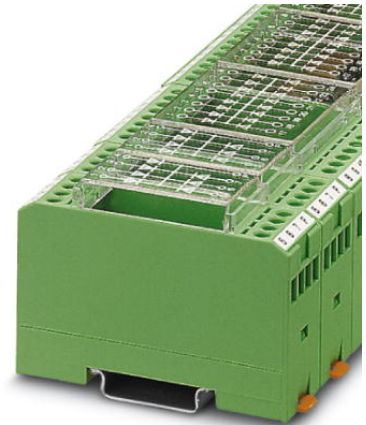


## EMG 45-DIO14M

Order No.: 2950129

The illustration shows a combination of versions EMG 22-DIO 7 P, EMG 45-DIO14 P and EMG 90-DIO 32 P

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2950129>

Diode module with 14 diodes with M-poles (common anode), diode type 1N 4007

### Commercial data

EAN	4017918083977
Pack	5 Pcs.
Customs tariff	85411000
Weight/Piece	0.09157 KG
Catalog page information	Page 562 (IF-2007)

### Product notes

WEEE/RoHS-compliant since:  
06/12/2006

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General data

Diode type	1 N 4007
Max. operating voltage	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) 0.2 A (with simultaneous loads)
Length	75 mm
Width	45 mm
Height	55 mm
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Standards/regulations	IEC 664 IEC 664 A DIN VDE 0110-1 DIN VDE 0160
Pollution degree	2
Surge voltage category	III
Mounting position	Any
Assembly instructions	In rows with zero spacing

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M 3
Type of connection	Screw connection

#### Certificates / Approvals

#### Approval logo



#### requested approbations

Certification	GOST
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**Accessories**

Item	Designation	Description
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**Marking**

2947035	EMG-GKS 12	Equipment marker, width 12 mm
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**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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