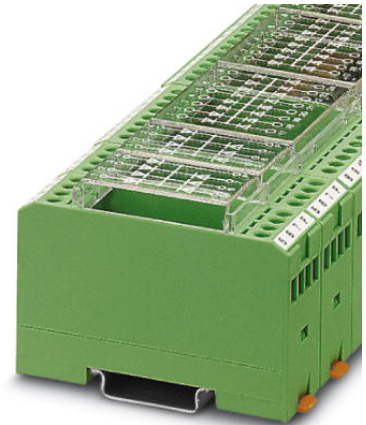


EMG 45-DIO14P

Order No.: 2950116

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=2950116>

Diode module, for expansion with 14 diodes 1N 4007 in P polarity

Commercial data

EAN	4017918083960
Pack	5 Pcs.
Customs tariff	85411000
Weight/Piece	0.09046 KG
Catalog page information	Page 562 (IF-2007)

Product notes

WEEE/RoHS-compliant since:
05/15/2006



<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	$\leq 5 \mu\text{A}$
Conducting state voltage per diode	$\leq 0.8 \text{ V}$

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	DIN VDE 0110b, Gr. C for 250 V DC
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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

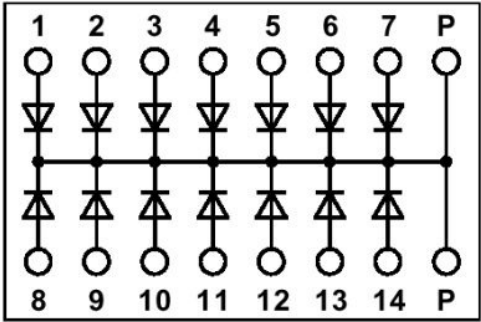
Item	Designation	Description
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Marking

2947035	EMG-GKS 12	Equipment marker, width 12 mm
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Drawings

Circuit diagram



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