

Diode block - EMG 45-DIO 8E-1N5408 - 2949389

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Diode module, with eight diodes, can be individually wired, diode type 1N 5408

Your advantages

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



Key Commercial Data

Packing unit	5 pc
GTIN	
GTIN	4017918083779

Technical data

Dimensions

Width	45 mm
Height	75 mm
Depth	55 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

General

Diode type	1 N 5408
Peak reverse voltage per diode	1000 V
Reverse current per diode	10 µA
Conducting state voltage per diode	approx. 0.8 V
Conducting state current per diode	1.5 A (with single load) 0.3 A (with simultaneous loads)

Diode block - EMG 45-DIO 8E-1N5408 - 2949389

Technical data

General

Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data

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

Standards and Regulations

Standards/regulations	DIN EN 50178
Pollution degree	2

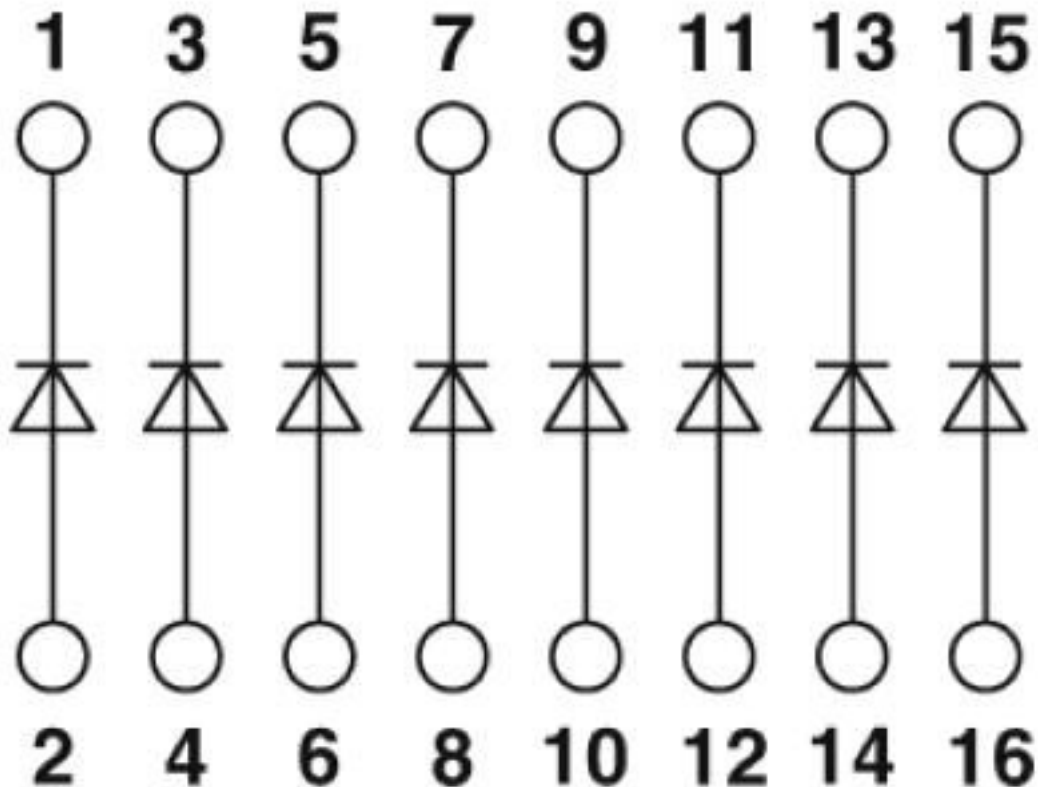
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Diode block - EMG 45-DIO 8E-1N5408 - 2949389

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27371010
eCl@ss 4.0	27250300
eCl@ss 4.1	27260800
eCl@ss 5.0	27371000
eCl@ss 5.1	27371000
eCl@ss 6.0	27371000
eCl@ss 7.0	27371010
eCl@ss 8.0	27371010
eCl@ss 9.0	27371010

ETIM

ETIM 4.0	EC000683
ETIM 5.0	EC000683
ETIM 6.0	EC000683
ETIM 7.0	EC000683

Diode block - EMG 45-DIO 8E-1N5408 - 2949389

Classifications

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	32151504
UNSPSC 18.0	32151504
UNSPSC 19.0	32151504
UNSPSC 20.0	32151504
UNSPSC 21.0	32151504

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU*DE*08.B.01841/19
-----	--	---------------------

Accessories

Accessories

Marking material - EMG-GKS 12 - 2947035



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

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [DIN Rail Terminal Blocks](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[00110420202](#) [8WA1011-1BH23](#) [8WA1011-1EF20](#) [91.010](#) [9102100000](#) [91.040](#) [9123140000](#) [9123140001](#) [RBO 5-T-B-HEX](#) [1333564](#) [DP25-GY-ND](#) [1431306](#) [1433306](#) [90.070](#) [91.020](#) [912314](#) [260-301_NR](#) [2757571](#) [280-331](#) [280-560](#) [280-564](#) [281-611/281-542](#) [281-673/281-411](#) [281-994](#) [283-317](#) [283-607](#) [2909798](#) [264-724](#) [264-726](#) [280-530](#) [280-555](#) [280-619](#) [281-610](#) [281-622/281-417](#) [284-317](#) [284-601](#) [2907033](#) [3048496](#) [5542152](#) [35956](#) [USK 10](#) [102510](#) [1025100000](#) [5520682](#) [5607102](#) [EMH 25-ZE30](#) [591620-2](#) [UM 45-SEFE M.NUT BK](#) [1-591651-1](#) [8671050000](#)