

## EMG 45-DIO 8M-1N5408

Order No.: 2954882

The illustration shows version EMG 45-DIO 8E

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2954882>

Diode module, with eight diodes, common anode, diode type 1N 5408

### Commercial data

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 085162 |
| sales group              | H100                                                                                                  |
| Pack                     | 5 pcs.                                                                                                |
| Customs tariff           | 85411000                                                                                              |
| Catalog page information | Page 664 (IF-2009)                                                                                    |

### Product notes

WEEE/RoHS-compliant since:  
08/10/2006

<http://www.download.phoenixcontact.com>  
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### Technical data

#### General data

|                                    |               |
|------------------------------------|---------------|
| Diode type                         | 1 N 5408      |
| Max. operating voltage             | 250 V AC      |
| 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)         |
| Width                                   | 45 mm                                   |
| Height                                  | 75 mm                                   |
| Depth                                   | 55 mm                                   |
| Ambient temperature (operation)         | -20 °C ... 50 °C                        |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C                        |
| Surge voltage category                  | III, basic insulation (as per EN 50178) |
| 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                           | M3                  |
| Type of connection                     | Screw connection    |

#### Certificates / Approvals



Certification

GOST

#### Accessories

| Item           | Designation | Description                   |
|----------------|-------------|-------------------------------|
| <b>Marking</b> |             |                               |
| 2947035        | EMG-GKS 12  | Equipment marker, width 12 mm |

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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