

# ANTREX Electronics

## Electronic Components Sourcing Information

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### Product Reference Information

**Part Number:** 2954882

**Manufacturer:** Phoenix Contact

**Package:** Bulk

**Availability:** Please confirm with sales

**Product Page:**

<https://antrexco.com/product/details/phoenix-contact/2954882.html>

**Request a Quote:**

[Submit RFQ for this part](#)



Scan for product page

### Contact Information

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WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

### Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

**Note:**

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

## 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)               |  |
| 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>  
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 5408      |
| Max. operating voltage             | 250 V AC      |
| Peak reverse voltage per diode     | 1000 V        |
| Reverse current per diode          | 10 $\mu$ A    |
| 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**

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