

Diode block - EMG 45-DIO 8P-1N5408 - 2954879

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

Why buy this product

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



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 5 STK |
| GTIN |  4 017918 085155 |
| GTIN | 4017918085155 |

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) |

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Technical data

General

| | |
|--------------------------|---------------------------|
| Standards/specifications | DIN EN 50178 |
| 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 flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Connection method | Screw connection |

Standards and Regulations

| | |
|-----------------------|--------------|
| Standards/regulations | DIN EN 50178 |
| Conformance | CE-compliant |

Environmental Product Compliance

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

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.A*30.B.01082 |
|-----|---|--------------------------|

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