

Diode block - EMG 22-DIO 7M - 2950077

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Diode module, with 7 diodes, common anode, diode type 1N 4007

Your advantages

- Spark-suppression diodes for limiting surge voltages of inductive loads



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 10 pc |
| GTIN |  4 017918 083946 |
| GTIN | 4017918083946 |

Technical data

Dimensions

| | |
|--------|---------|
| Width | 22.5 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 4007 |
| Peak reverse voltage per diode | 1300 V |
| Reverse current per diode | 5 µA |
| Conducting state voltage per diode | approx. 0.8 V |
| Conducting state current per diode | 0.7 A (with single load) 0.5 A (with simultaneous loads) |
| Mounting position | any |

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Technical data

General

| | |
|-----------------------|---------------------------|
| 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" |

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 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11 | 39121008 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| 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

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