

Diode block - EMG 22-DIO 7P - 2950064

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Diode module, for extension with 7 1N 4007 diodes, common cathode


The illustration shows a combination of versions EMG 22-DIO 7 P, EMG 45-DIO14 P and EMG 90-DIO 32 P

Why buy this product

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



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 10 pc |
| GTIN |  4 017918 083939 |
| Weight per Piece (excluding packing) | 44.95 g |
| Custom tariff number | 85411000 |
| Country of origin | Germany |

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 |
| Max. operating voltage | 250 V AC |

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Technical data

General

| | |
|------------------------------------|---|
| 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) |
| 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 ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Connection method | Screw connection |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250312 |
| eCl@ss 4.1 | 27260801 |
| eCl@ss 5.0 | 27260801 |
| eCl@ss 5.1 | 27260801 |
| eCl@ss 6.0 | 27242602 |
| eCl@ss 7.0 | 27242602 |
| eCl@ss 8.0 | 27242602 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001432 |
| ETIM 3.0 | EC001597 |
| ETIM 4.0 | EC001597 |
| ETIM 5.0 | EC001596 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11 | 39121008 |
| UNSPSC 12.01 | 39121008 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121008 |
|-------------|----------|

Approvals

Approvals

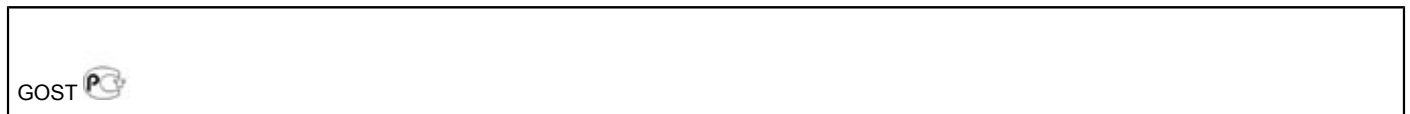
Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Accessories

Accessories

Marking material - EMG-GKS 12 - 2947035



Equipment marker, width 12 mm

Drawings

Circuit diagram

