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# Diode block - EMG 45-DIO14M/LP - 2950132

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Lamp test module, 2 diodes with common cathode: with 7 pairs, with common triggering

The illustration shows version EMG 45-DIO 8 E/LP

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 pc |
| GTIN | 4 017918 083984 |
| Weight per Piece (excluding packing) | 87.68 g |
| Custom tariff number | 85411000 |
| Country of origin | Germany |

## 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

| | |
|---|---|
| Max. operating voltage | 250 V AC |
| Peak reverse voltage per diode | 1300 V |
| Reverse current per diode | $\leq 5\ \mu A$ |

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## Technical data

### General

| Conducting state voltage per diode | approx. 0.8 V |
|---|---|
| Conducting state current per diode | 0.7 A (with single load) |
|  | 0.2 A (with simultaneous loads) |
| Degree of pollution | 2 |
| Overvoltage 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 mm² |
|---|---|
| Conductor cross section solid max. | 4 mm² |
| Conductor cross section flexible min. | 0.2 mm² |
| Conductor cross section flexible max. | 2.5 mm² |
| 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

| Low Voltage Directive | Conformance with LV directive 2006/95/EC |
|---|---|
| Conformance | CE-compliant |

## 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 | 27371010 |

### ETIM

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

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## Classifications

### ETIM

| ETIM 5.0 | EC000683 |
|---|---|

### UNSPSC

| UNSPSC 6.01 | 30211506 |
|---|---|
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11 | 39121008 |
| UNSPSC 12.01 | 39121008 |
| UNSPSC 13.2 | 39121008 |

## Approvals

### Approvals

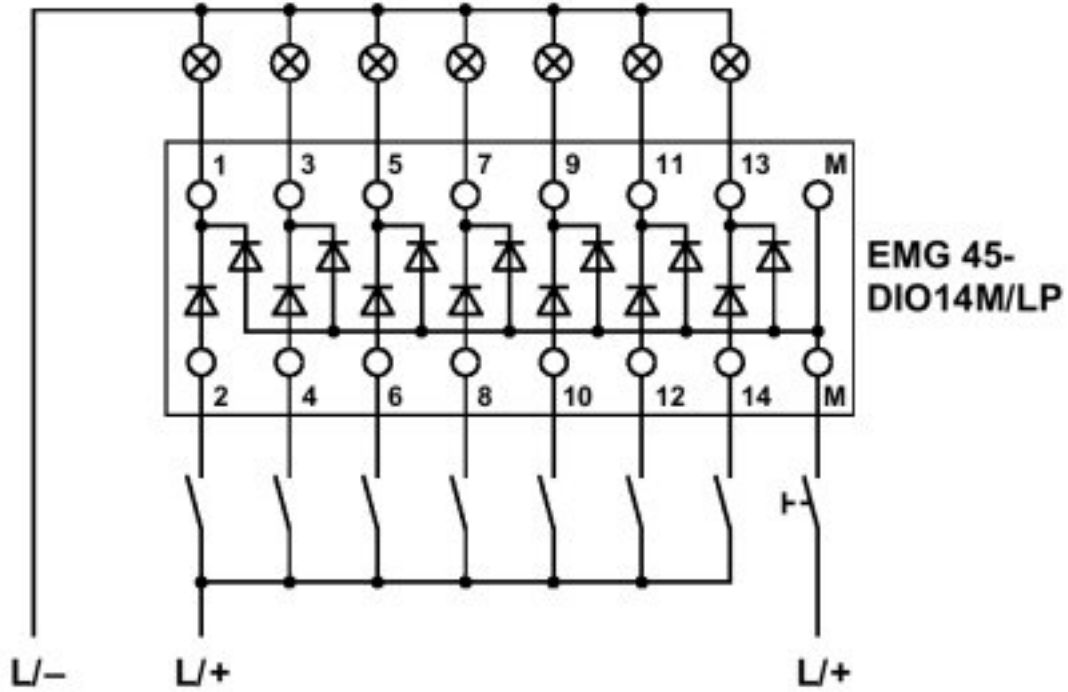Approvals

EAC

Ex Approvals

Approvals submitted

### Approval details

| EAC |
|---|

## Drawings

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Application drawing



EMG 45-
DIO14M/LP

L/−  L/+  L/+

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Circuit diagram

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