

EMG 90-DIO 32M/LP - Diode block

2954785

<https://www.phoenixcontact.com/us/products/2954785>

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Lamp test module, 2 diodes with common cathode: with 16 pairs, with common triggering

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2954785 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | C440 |
| Product key | DK66M1 |
| GTIN | 4017918085124 |
| Weight per piece (including packing) | 165.2 g |
| Weight per piece (excluding packing) | 165.2 g |
| Customs tariff number | 85411000 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|---------------------|
| Product type | Lamp testing module |
|--------------|---------------------|

Insulation characteristics

| | |
|------------------|---|
| Pollution degree | 2 |
|------------------|---|

Input data

Diode

| | |
|------------------------------------|---|
| Diode type | 1 N 4007 |
| Max. operating voltage U_{\max} | 250 V AC |
| Peak reverse voltage per diode | 1300 V |
| Reverse current per diode | $\leq 5 \mu\text{A}$ |
| 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) |

Connection data

| | |
|----------------------------------|---|
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross-section rigid | 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 |

Dimensions

| | |
|--------|-------|
| Width | 90 mm |
| Height | 75 mm |
| Depth | 55 mm |

Material specifications

| | |
|-------|------------------|
| Color | green (RAL 6021) |
|-------|------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |

Approvals

CE

| | |
|-------------|--------------|
| Certificate | CE-compliant |
| Note | and EN 61326 |

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Standards and regulations

| | |
|-----------------------|--------------|
| Standards/regulations | DIN EN 50178 |
|-----------------------|--------------|

Mounting

| | |
|-------------------|---------------------------|
| Mounting type | DIN rail mounting |
| Assembly note | in rows with zero spacing |
| Mounting position | any |

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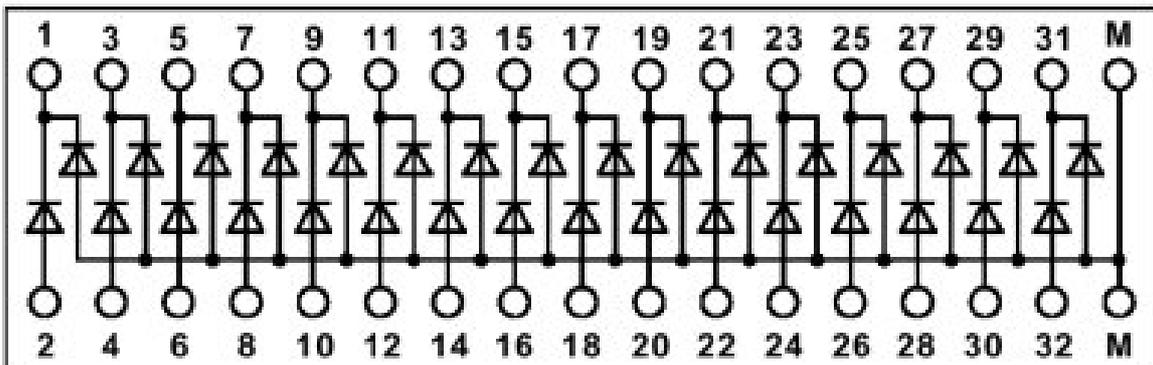


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Drawings

Circuit diagram



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Approvals

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EAC

Approval ID: RU*DE*08.B.01841/19

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27371010 |
| ECLASS-15.0 | 27371010 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000683 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 32151500 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 7(a), 7(c)-I |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 254ff472-f2de-400e-aec5-09ae4d953f77 |

EF3.0 Climate Change

| | |
|---------|---------------|
| CO2e kg | 1.993 kg CO2e |
|---------|---------------|

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