

# EMG 90-DIO 16E/LP - Diode block



2954808

<https://www.phoenixcontact.com/us/products/2954808>

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Lamp test module, 2 diodes with common cathode: with 8 pairs, for individual wiring

## Commercial data

Item number	2954808
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	C440
Product key	CK4M11
Catalog page	Page 267 (C-5-2019)
GTIN	4017918085148
Weight per piece (including packing)	149.66 g
Weight per piece (excluding packing)	148.48 g
Customs tariff number	85411000
Country of origin	DE

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## Technical data

### Product properties

Product type	Lamp testing module
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### Insulation characteristics

Pollution degree	2
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### Input data

#### Diode

Description of the input	16 diodes, groups of 2 diodes with common cathode. Version: with 8 pairs, for individual wiring
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) 0.4 A (with simultaneous loads)

### Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### Dimensions

Width	90 mm
Height	75 mm
Depth	55 mm

### Material specifications

Color	green (RAL 6021)
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### Environmental and real-life conditions

#### Ambient conditions

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

### Approvals

CE

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Certificate	CE-compliant
Note	and EN 61326

## Standards and regulations

Standards/regulations	DIN EN 50178
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## Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

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## Classifications

### ECLASS

ECLASS-11.0	27371010
ECLASS-12.0	27371010
ECLASS-13.0	27371010

### ETIM

ETIM 9.0	EC002278
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### UNSPSC

UNSPSC 21.0	32151500
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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