

# EMG 90-DIO 16E/LP/SO37 - Diode block



2947705

<https://www.phoenixcontact.com/us/products/2947705>

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Lamp test module, 8 diodes with common cathode and 8 diodes with common anode: 8-pair version, customer-specific wiring

## Commercial data

Item number	2947705
Packing unit	5 pc
Minimum order quantity	40 pc
Note	Made to order (non-returnable)
Product key	DK66M1
GTIN	4017918279240
Weight per piece (including packing)	133.81 g
Weight per piece (excluding packing)	133.81 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Diode module
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Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
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### Input data

Diode

Reverse current per diode	$\leq 5 \mu\text{A}$
Conducting state voltage per diode	$\leq 0.8 \text{ V}$
Conducting state current per diode	0.7 A

### Connection data

Connection method	Screw connection
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

### Material specifications

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

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C

### Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
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### Mounting

Mounting type	DIN rail mounting
Mounting position	any

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## Environmental product compliance

### 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.)	No substance above 0.1 wt%
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