

# Diode block - EMG 90-DIO 32M/LP - 2954785

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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

The illustration shows version EMG 90-DIO 16 E/LP



## Key commercial data

<b>package_quantity</b>	5
<b>GTIN</b>	4017918085124

## Technical data

### Dimensions

<b>Width</b>	90 mm
<b>Height</b>	75 mm
<b>Depth</b>	55 mm

### Ambient conditions

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

### General

<b>Max. operating voltage</b>	250 V AC
<b>Peak reverse voltage per diode</b>	1300 V
<b>Reverse current per diode</b>	≤ 5 µA
<b>Conducting state voltage per diode</b>	approx. 0.8 V
<b>Conducting state current per diode</b>	0.7 A (with single load)
<b>Conducting state current per diode</b>	0.2 A (with simultaneous loads)
<b>Pollution degree</b>	2
<b>Surge voltage category</b>	III, basic insulation (as per EN 50178)
<b>Mounting position</b>	Any
<b>Assembly instructions</b>	In rows with zero spacing

### Connection data

<b>Conductor cross section solid min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>

# Diode block - EMG 90-DIO 32M/LP - 2954785

## Technical data

### Connection data

Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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	EC001597

### UNSPSC

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

## approvals

GOST /

### Approval details

GOST 
--

# Diode block - EMG 90-DIO 32M/LP - 2954785

accessories

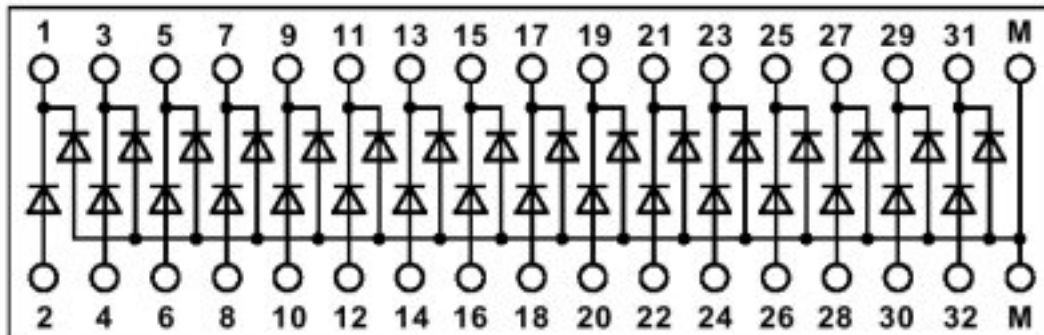
EMG-GKS 12 - 2947035



---

## Drawings

Circuit diagram



© Phoenix Contact 2013 - all rights reserved  
<http://www.phoenixcontact.com>