

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



2947705

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

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 documentation. Our general terms of use for downloads are valid.



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

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



2947705

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

Technical data

Product properties

Product type	Diode module
--------------	--------------

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
------------	-----------------------

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 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

Material specifications

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

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
-----------------------	-----------------------

Mounting

Mounting type	DIN rail mounting
Mounting position	any

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



2947705

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

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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com