

## INDUSTRIAL COMPONENT DATA

## EMG 45-DIO14P 2950116 PHOENIX CONTACT Diode block

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 45-DIO14P



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | EMG 45-DIO14P           |
| Catalog number  | 2950116                 |
| Category        | Surge protection module |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-ECC40E51E5           |
| Generated       | 2026-07-29              |

## Product Overview

Diode block

Diode module, for expansion with 14 diodes 1N 4007, with common cathode

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## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

Catalog path PHOENIX CONTACT &gt; Industrial Relays

## Additional Product Information

Technical dataProduct propertiesProduct type Diode module

Data management status

Article revision 03

Insulation characteristics

Pollution degree 2

Input dataDiode

Description of the input 14 diodes, common cathodes

Diode type 1 N 4007

Max. operating voltage  $U_{max}$  250 V AC

Peak reverse voltage per diode 1300 V

Reverse current per diode 5  $\mu$ 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 dataConnection 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  
DimensionsWidth 45 mm  
Height 75 mm  
Depth 55 mm  
Material specificationsColor green (RAL 6021)  
Environmental and real-life conditionsAmbient conditions  
Ambient temperature (operation) -20 °C ... 50 °C  
Ambient temperature (storage/transport) -40 °C ... 70 °C  
ApprovalsCE  
Certificate CE-compliant  
Note and EN 61326  
Standards and regulationsStandards/regulations DIN EN 50178  
MountingMounting type DIN rail mounting  
Assembly note in rows with zero spacing  
Mounting position any  
ETIM for 2950116 Low-voltage industrial controls and switchgear (EC000683)  
Feature Name  
Feature Value  
Function (EF000030)  
Other  
Voltage type (operating voltage) (EF005294)  
AC  
Operating voltage AC 50 Hz (EF008206)  
250 V  
Operating voltage AC 60 Hz (EF008207)  
250 V  
With LED indication (EF005950)  
No

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 45-DIO14P with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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