

**INDUSTRIAL COMPONENT DATA**

# EMG 90-LG/O 2941581 PHOENIX CONTACT Electronic housing

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 90-LG/O



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | EMG 90-LG/O          |
| Catalog number  | 2941581              |
| Category        | Electronic enclosure |
| Minimum order   | 5 Pcs                |
| Document ID     | EO-A1C3DD6413        |
| Generated       | 2026-08-04           |

## Product Overview

Electronic housing

Electronics housing, for inserting a printed circuit board, without screw or cap connection terminals, with open terminal block

**STRUCTURED PRODUCT DATA**

## Technical Specifications

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

## Classification & Catalog Path

Catalog path      PHOENIX CONTACT &gt; Housing (HS)

## Additional Product Information

Key Commercial Data

Orderkey 2941581

Packing unit 5 pc

Minimum order quantity 5 pc

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GTIN 4017918080525

Weight per Piece (excluding packing) 60.580 g

Custom tariff number 85472000

Country of origin DE (Germany)

General

Housing type Component housing

Housing material Polycarbonate fiber reinforced

Color (RAL) green

Ambient conditions

Ambient temperature (operation) -40 °C ... 125 °C

Dimensions

Length 75 mm

Height 47.5 mm

Width 90 mm

Depth 75 mm

Technical data

Power dissipation without gap 4.1 W

Power dissipation with 20 mm gap 4.6 W

Connection data

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

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

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027180401eCl@ss 4.127180401eCl@ss 5.027180506eCl@ss 5.127180500eCl@ss 6.027180800eCl@ss  
7.027182702eCl@ss 8.027182702eCl@ss 9.027182702

ETIM 2.0EC001031ETIM 3.0EC001031ETIM 4.0EC001031ETIM 5.0EC001031ETIM 6.0EC001031

UNSPSC 6.0131261501UNSPSC 7.090131261501UNSPSC 1131261501UNSPSC 12.0131261501UNSPSC  
13.231261501

ETIM for 2941581 Cabinets and enclosures (EC001031)

Feature Name

Feature Value

Width (EF000008)

90 mm

Depth (EF0...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 90-LG/O 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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