

INDUSTRIAL COMPONENT DATA

CP-H 2,5-4L-Z-PE 3012324 PHOENIX CONTACT Connector housing

Brand: PHOENIX CONTACT | Manufacturer Part Number: CP-H 2,5-4L-Z-PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	CP-H 2,5-4L-Z-PE
Catalog number	3012324
Category	Housing for rectangular connectors
Minimum order	50 Pcs
Document ID	EO-E68675506B
Generated	2026-08-06

Product Overview

Connector housing

Connector housing, with snap-in pins, connection type: Crimped connection, length: 31.6 mm, width: 5.2 mm, height: 31.7 mm, colour: grey

Connector housing, with securing pins, connection method: Crimp connection, depth: 31.7 mm, width: 5.2 mm, height: 31.6 mm, color: gray

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 > Modular TBs
--------------	-------------------------------

Additional Product Information

Technical dataProduct propertiesProduct type Plug

Data management status

Article revision 01

DimensionsWidth 5.2 mm

Height 31.6 mm

Depth 31.7 mm

Material specificationsColor gray (RAL 7042)

Flammability rating according to UL 94 V0

Insulating material PA

Static insulating material application in cold -60 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C

Relative insulation material temperature index (Elec., UL 746 B) 130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26 HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162) passed
Specific optical density of smoke NFPA 130 (ASTM E 662) passed
Smoke gas toxicity NFPA 130 (SMP 800C) passed
Environmental and real-life conditions Ambient conditions
Ambient temperature (operation) -60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport) -25 °C ... 60 °C (for a short time, no longer than 24 h, -60°C to +70°C)
Ambient temperature (assembly) -5 °C ... 70 °C
Ambient temperature (actuation) -5 °C ... 70 °C
Permissible humidity (storage/transport) 30 % ... 70 %
ETIM for 3012324 Connectors (EC000437)
Feature Name
Feature Value
Width (EF000008)
5.2 mm
Height (EF000040)
31.6 mm
Coating housing (EF001601)
Othe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CP-H 2,5-4L-Z-PE with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.