INDUSTRIAL COMPONENT DATA

# CP 2,5-4L-Z 3041943 PHOENIX CONTACT Connector housing

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



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | CP 2,5-4L-Z |
| Catalog number | 3041943 |
| Category | Housing for rectangular connectors |
| Minimum order | 50 Pcs |
| Document ID | EO-C2448F3369 |
| Generated | 2026-11-18 |

## Product Overview

Connector housing
Connector housing, rated voltage: 250 V, rated current: 10 A, number of connections: 4, number of poles: 4, connection type: Crimped connection, Sizing cross-section: 1.5 mm², cross-section: 0.5 mm² - 2.5 mm², mounting type: Snap-in mounting, color: gray

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Modular TBs |

## Additional Product Information

Key Commercial Data
Orderkey 3041943
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 315 (CL1-2011)
GTIN 4017918975302
Weight per Piece (excluding packing) 1.750 g
Custom tariff number 85472000
Country of origin DE (Germany)
General
Number of positions 4
Number of levels 1
Number of connections 4

Potentials 4
Nominal cross section 2.5 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Maximum load current 10 A (with a 2.5 mm² conductor cross section)
Rated surge voltage 4 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 0.77 W
Ambient temperature (operation) -40 °C ... 160 °C
Maximum load current 10 A (with a 2.5 mm² conductor cross section)
Nominal current IN 10 A
Nominal voltage UN 250 V
Open side panel No
Relative insulation material temperature index (Elec., UL 746 B) 130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 125 °C
Static insulating material application in cold -60 °C
Behavior in fire for rail vehicles (DIN 5510-2) Test passed
Flame test method (DIN EN 60695-11-10) V0
Oxygen index (DIN EN ISO 4589-2) >32 %
NF F16-101, NF F10-102 Class I 2
NF F16-101, NF F10-102 Class F 2
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
Calorimetric heat release NFPA 130 (ASTM E 1354) 27,5 MJ/kg
Fire protection for rail v...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CP 2,5-4L-Z 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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