

INDUSTRIAL COMPONENT DATA

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

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



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-A52475FEB4
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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

Catalog path PHOENIX CONTACT > Modular TBs

Additional Product Information

Key Commercial Data

Orderkey 3041943

Packing unit 50 pc

Minimum order quantity 50 pc

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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 I_N 10 A

Nominal voltage U_N 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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