

CP-H 2,5-4L-PE - Connector housing



3012323

<https://www.phoenixcontact.com/us/products/3012323>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connector housing, connection method: Crimp connection, depth: 31.7 mm, width: 5.2 mm, height: 31.6 mm, number of positions: 4, color: gray

Your advantages

- Can be labeled at each terminal point
- With PE marking
- Four feed-through levels
- Design width of just 5.2 mm

Commercial data

Item number	3012323
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	BE02
Product key	BE2144
Catalog page	Page 294 (C-1-2019)
GTIN	4046356811286
Weight per piece (including packing)	1.99 g
Weight per piece (excluding packing)	1.94 g
Customs tariff number	85389099
Country of origin	PL

CP-H 2,5-4L-PE - Connector housing



3012323

<https://www.phoenixcontact.com/us/products/3012323>

Technical data

Product properties

Product type	Plug
Number of positions	4

Dimensions

Width	5.2 mm
Height	31.6 mm
Depth	31.7 mm

Material specifications

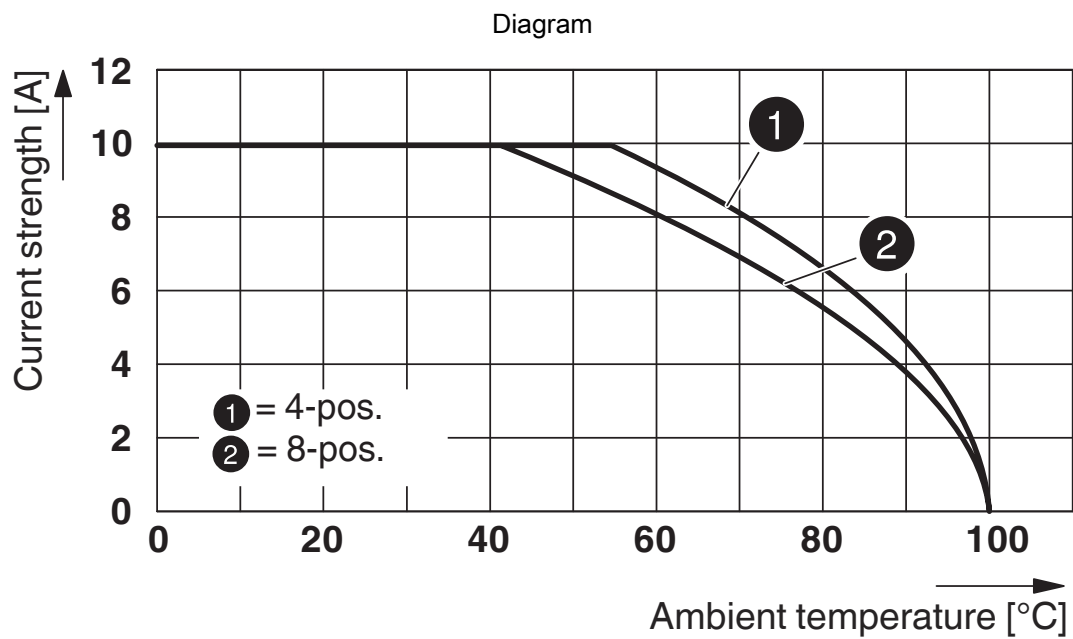
Color	gray
Flammability rating according to UL 94	V0
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for 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 %

Drawings



CP-H 2,5-4L-PE - Connector housing



3012323

<https://www.phoenixcontact.com/us/products/3012323>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3012323>

	IECEE CB Scheme			
	Approval ID: DE1-62776			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	250 V	10 A	-	-

	VDE report with production monitoring			
	Approval ID: 40042533			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	250 V	10 A	-	0.5 - 2.5

CP-H 2,5-4L-PE - Connector housing



3012323

<https://www.phoenixcontact.com/us/products/3012323>

Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 9.0	EC000437
----------	----------

UNSPSC

UNSPSC 21.0	31261500
-------------	----------

CP-H 2,5-4L-PE - Connector housing



3012323

<https://www.phoenixcontact.com/us/products/3012323>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



Accessories

DP-CP-H 2,5-4L - Spacer plate

3012319

<https://www.phoenixcontact.com/us/products/3012319>

Spacer plate



AP-CP-H METER - Cover profile

3012315

<https://www.phoenixcontact.com/us/products/3012315>

Cover profile, length: 1 m



CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



D-CP-H 2,5-4L - End cover

3012320

<https://www.phoenixcontact.com/us/products/3012320>

End cover, depth: 34.5 mm, width: 7.5 mm, height: 31.6 mm, color: gray



PH CP-H 2,5/2 - Cable housing

3012332

<https://www.phoenixcontact.com/us/products/3012332>

Cable housing, width: 10.4 mm, number of positions: 2, color: gray



CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



PH CP-H 2,5/3 - Cable housing

3012333

<https://www.phoenixcontact.com/us/products/3012333>

Cable housing, width: 15.6 mm, number of positions: 3, color: gray



PH CP-H 2,5/4 - Cable housing

3012334

<https://www.phoenixcontact.com/us/products/3012334>

Cable housing, width: 20.8 mm, number of positions: 4, color: gray



CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



PH CP-H 2,5/5 - Cable housing

3012335

<https://www.phoenixcontact.com/us/products/3012335>

Cable housing, width: 26 mm, number of positions: 5, color: gray



STG-MTN 0,5-1,0 - Crimp contact

3190438

<https://www.phoenixcontact.com/us/products/3190438>

Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 0.5 mm² ... 1.0 mm² conductors



CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



STG-MTN 1,5-2,5 - Crimp contact

3190506

<https://www.phoenixcontact.com/us/products/3190506>



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 1.5 mm² ... 2.5 mm² conductors

ZBF 5:UNBEDRUCKT - Zack Marker strip, flat

0808642

<https://www.phoenixcontact.com/us/products/0808642>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



ZBF 5 CUS - Zack Marker strip, flat

0825025

<https://www.phoenixcontact.com/us/products/0825025>



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

ZBF 5,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808671

<https://www.phoenixcontact.com/us/products/0808671>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

CP-H 2,5-4L-PE - Connector housing



3012323

<https://www.phoenixcontact.com/us/products/3012323>

ZBF 5,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808697

<https://www.phoenixcontact.com/us/products/0808697>



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

ZBF 5,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810821

<https://www.phoenixcontact.com/us/products/0810821>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



ZBF 5,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810863

<https://www.phoenixcontact.com/us/products/0810863>

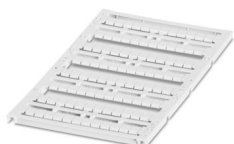


Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

UC-TMF 5 - Marker for terminal blocks

0818153

<https://www.phoenixcontact.com/us/products/0818153>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



UC-TMF 5 CUS - Marker for terminal blocks

0824638

<https://www.phoenixcontact.com/us/products/0824638>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

UCT-TMF 5 - Marker for terminal blocks

0828744

<https://www.phoenixcontact.com/us/products/0828744>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



UCT-TMF 5 CUS - Marker for terminal blocks

0829658

<https://www.phoenixcontact.com/us/products/0829658>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

DFS-CP-H 2,5-4L - Flange cover

3012317

<https://www.phoenixcontact.com/us/products/3012317>



Self-locking flange cover as a cover profile carrier, for CP-H 2,5-4L, can be adapted on both sides of the plug

CP-H 2,5-4L-PE - Connector housing

3012323

<https://www.phoenixcontact.com/us/products/3012323>



DFS-CP 2,5-4L - Flange cover

3012321

<https://www.phoenixcontact.com/us/products/3012321>

Flange cover, depth: 26 mm, width: 5.2 mm, height: 31.6 mm, color: gray



WT-HF 2,5X98 BK - Cable tie

3240733

<https://www.phoenixcontact.com/us/products/3240733>

Cable binders for quick and secure bundling, standard version



Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com