

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



3012324

<https://www.phoenixcontact.com/us/products/3012324>

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

## Your advantages

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

## Commercial data

Item number	3012324
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE02
Product key	BE2144
GTIN	4046356811279
Weight per piece (including packing)	1.977 g
Weight per piece (excluding packing)	1.966 g
Customs tariff number	85389099
Country of origin	PL

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## Technical data

### Product properties

Product type	Plug
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### Connection data

Connection method	Crimp connection
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### Dimensions

Width	5.2 mm
Height	31.6 mm
Depth	31.7 mm

### Material specifications

Color	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

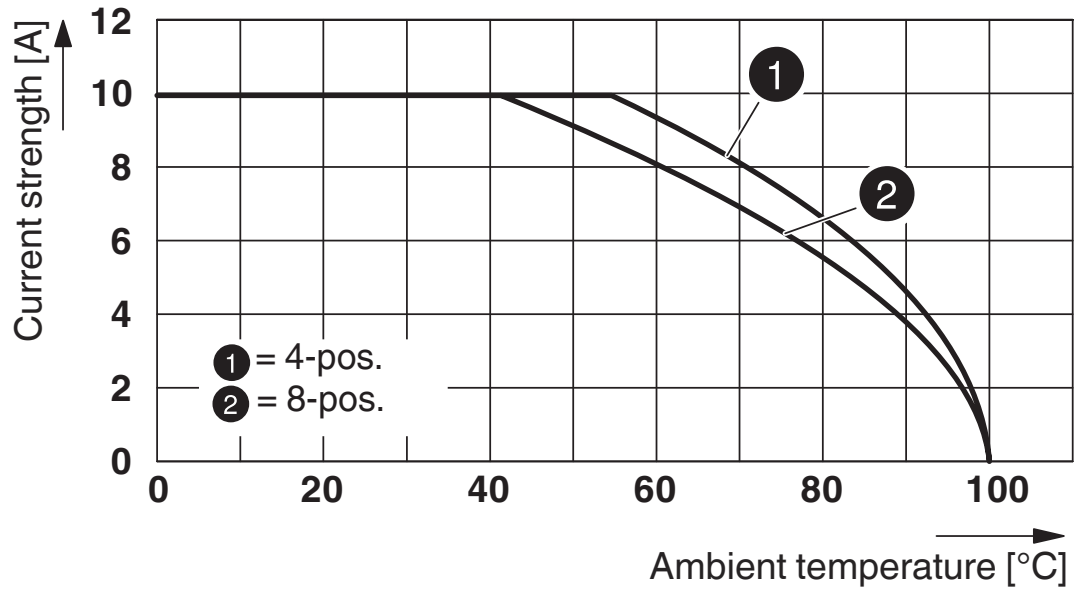
### Environmental and real-life conditions

#### 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, not exceeding 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

Diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3012324>

 <b>VDE Gutachten mit Fertigungsüberwachung</b> Approval ID: 40042533				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	250 V	10 A	-	0.5 - 2.5

 <b>EAC</b> Approval ID: KZ7500651131219505	
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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 10.0	EC000437
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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### EF3.1 Climate Change

CO2e kg	0.012 kg CO2e
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