

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

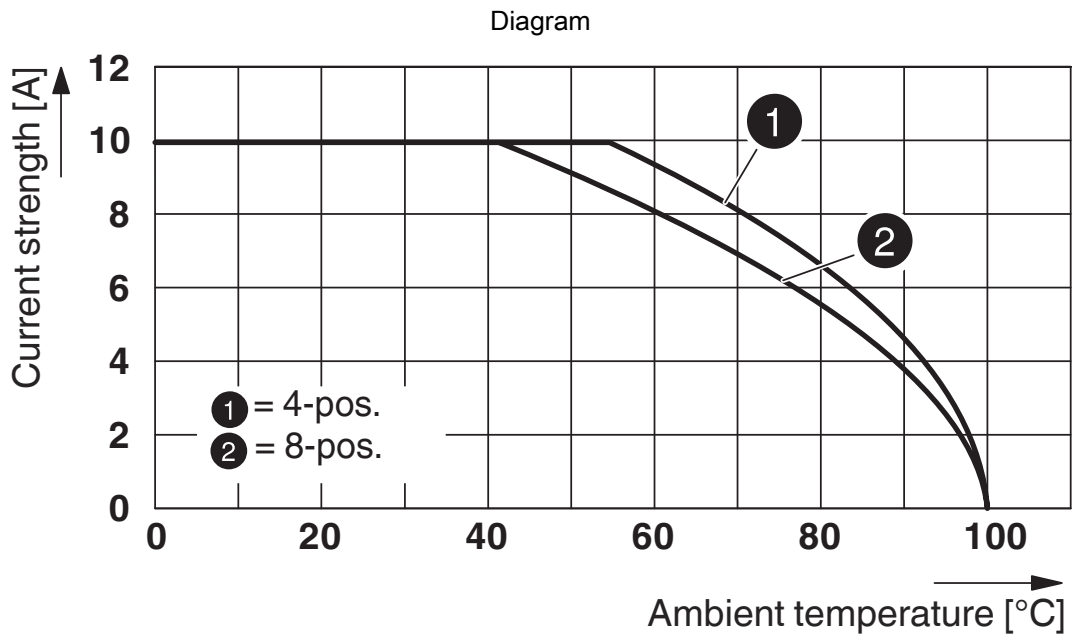
Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection 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



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Approvals

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

 VDE Gutachten mit Fertigungsüberwachung Approval ID: 40042533				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	250 V	10 A	-	0.5 - 2.5

 EAC 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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