

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



3012314

<https://www.phoenixcontact.com/us/products/3012314>

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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, number of positions: 4, color: gray

Your advantages

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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3012314 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE02 |
| Product key | BE2144 |
| GTIN | 4046356645928 |
| Weight per piece (including packing) | 2.003 g |
| Weight per piece (excluding packing) | 1.956 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|---------------------|------|
| Product type | Plug |
| Number of positions | 4 |

Connection data

| | |
|-------------------|------------------|
| Connection method | Crimp connection |
|-------------------|------------------|

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 % |

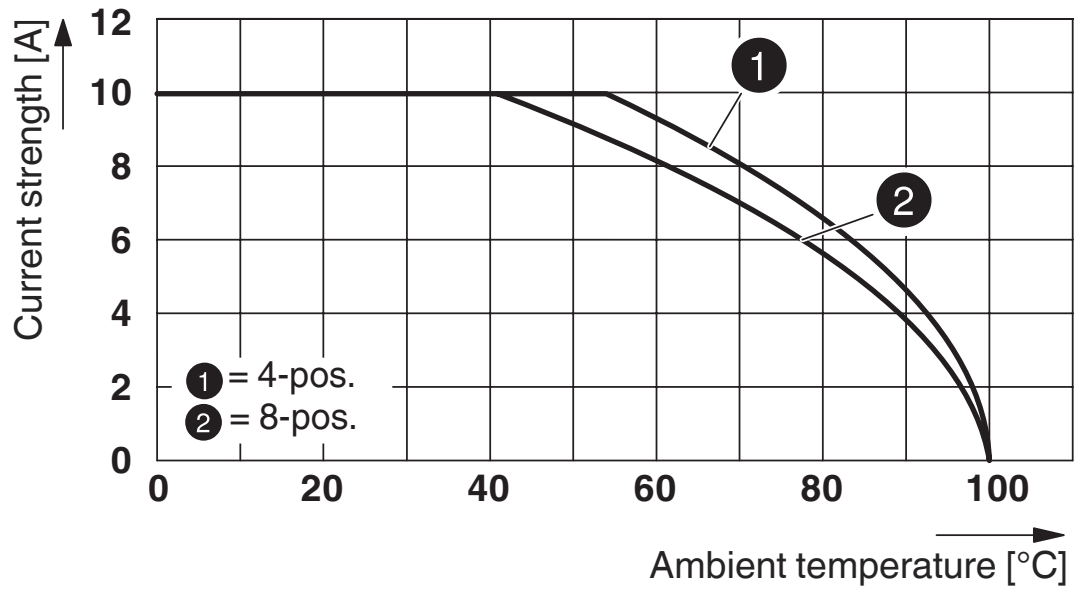
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Drawings

Diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3012314>

|  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 |
|-----------|----------|

UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.012 kg CO2e |
|---------|---------------|

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