

P-CO - Component connector



3036796

<https://www.phoenixcontact.com/us/products/3036796>

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Component connector, for installing components that can be individually selected, nom. voltage: 250 V, nominal current: 6 A, connection method: Plug-in connection, pitch: 5.2 mm, depth: 33.2 mm, width: 5.1 mm, height: 24.2 mm, number of positions: 1, color: gray, mounting type: Pluggable (slot)

Your advantages

- For assembly, the spring-cage connections are opened or closed inside the plug with just one turn of a standard screwdriver
- Can be used in all disconnect terminal blocks of the range ...-TG with 5.2 mm width or wider, from the PT, ST, QTC and UT series
- The P-CO patented component plug can accommodate components quickly and reliably using spring-cage contacts
- A coding recess ensures protection against polarity reversal

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 3036796 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BE29 |
| Product key | BE2Z3X |
| Catalog page | Page 416 (C-1-2019) |
| GTIN | 4017918929145 |
| Weight per piece (including packing) | 3.693 g |
| Weight per piece (excluding packing) | 3.65 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

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Technical data

Notes

| | |
|--------------------|--|
| Notes on operation | Components with a wire diameter from 0.5 mm up to 0.8 mm can be used |
|--------------------|--|

Product properties

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|---------------------|-------------------------------|
| Product type | Component plug terminal block |
| Number of positions | 1 |
| Pitch | 5.2 mm |
| Potentials | 1 |

Data management status

| | |
|------------------|----|
| Article revision | 05 |
|------------------|----|

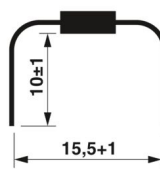
Insulation characteristics

| | |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

Connection data

| | |
|----------------------------------|---|
| Conductor cross section rigid | 0.5 mm ² ... 0.8 mm ² |
| Conductor cross section flexible | 0.5 mm ² ... 0.8 mm ² |
| Nominal current | 6 A |
| Maximum load current | 6 A (with 0.5 mm ² conductor cross section) |
| Nominal voltage | 250 V (the voltage is determined by the component used) |
| Nominal cross section | 0.5 mm ² |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 5.1 mm |
| Height | 24.2 mm |
| Depth | 33.2 mm |
| Pitch | 5.2 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 |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |

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

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|--|--|
| Ambient temperature (operation) | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
| 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 (operation) | 20 % ... 90 % |
| Permissible humidity (storage/transport) | 30 % ... 70 % |

Mounting

| | |
|---------------|------------------|
| Mounting type | Pluggable (slot) |
|---------------|------------------|

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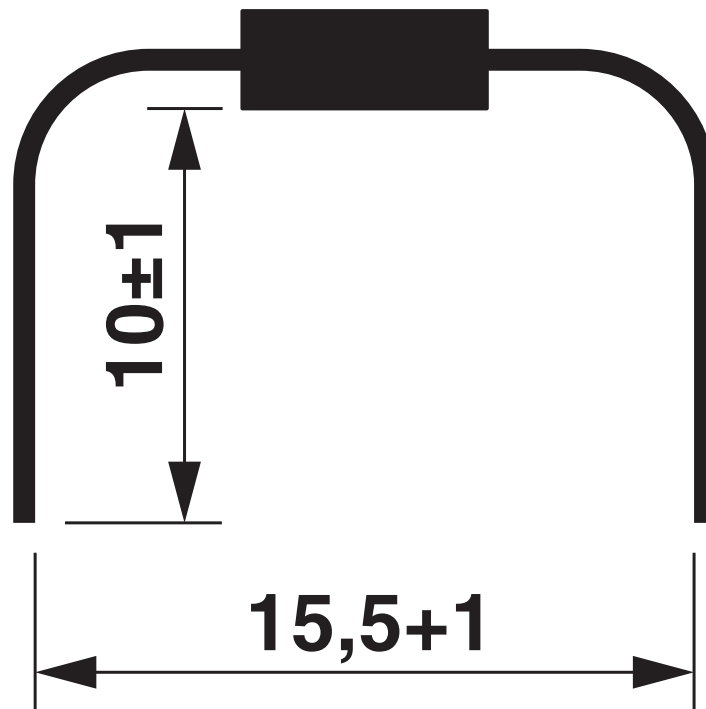
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Drawings

Dimensional drawing



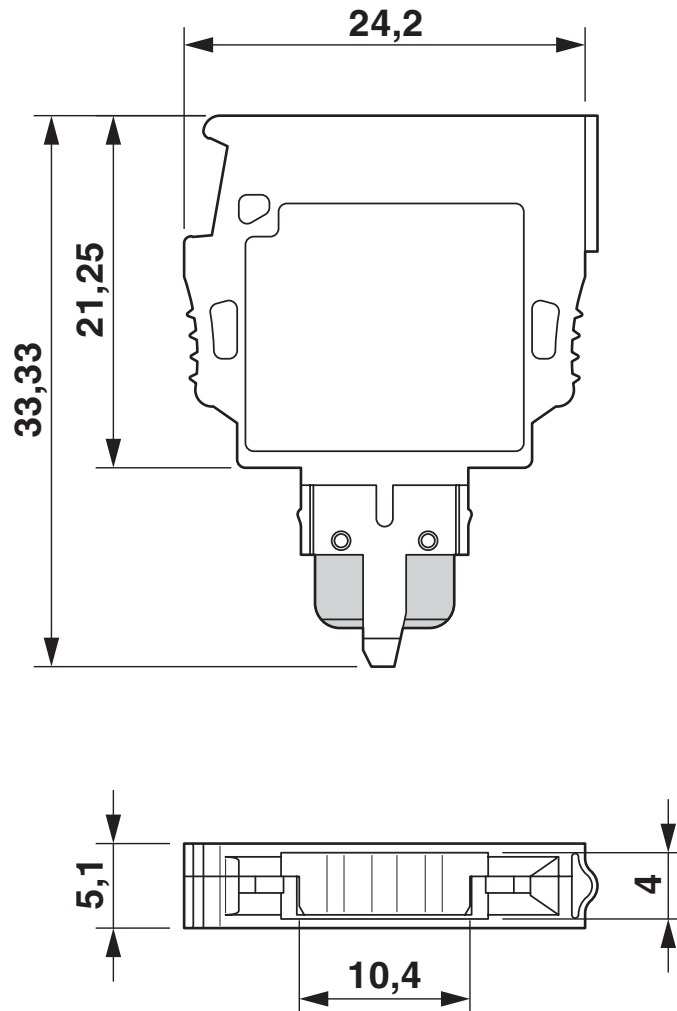
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Dimensional drawing




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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3036796>



CSA

Approval ID: 2030668



EAC

Approval ID: RU C-DE.BL08.B.00511

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141149 |
| ECLASS-13.0 | 27250305 |
| ECLASS-12.0 | 27141149 |

ETIM

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| ETIM 9.0 | EC002018 |
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UNSPSC

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| UNSPSC 21.0 | 39121600 |
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Environmental product compliance

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|---|--|
| 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% |
| EF3.0 Climate Change | |
| CO2e kg | 0.027 kg CO2e |

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