## P-CO XL - Component connector

3036797
https://www.phoenixcontact.com/us/products/3036797

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Component connector, for installing components that can be individually selected up to a diameter of 10 mm and power dissipation of up to 1 W , nom. voltage: 400 V , nominal current: 10 A, connection method: Plug-in connection, depth: 37.5 mm , width: 12.3 mm , height: 41.2 mm , number of positions: 1, color: gray, mounting type: Pluggable (slot)

## Your advantages

- Suitable for discreet components with high power dissipation
- Solderless spring-cage connection
- Suitable for use in all terminal blocks with a separation zone and a central marking groove (...-TG)
- Tested for railway applications


## Commercial data

| Item number | 3036797 |
| :--- | :--- |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BE 29 |
| Product key | $\mathrm{BE} 2 \mathrm{Z3X}$ |
| Catalog page | Page $417(\mathrm{C}-1-2019)$ |
| GTIN | 4055626042930 |
| Weight per piece (including packing) | 7.81 g |
| Weight per piece (excluding packing) | 7.7 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

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## Technical data

## Notes

## General

Product properties
Product type
Number of positions

Potentials

## Connection data

| Nominal current | 10 A (the current is determined by the component used) |
| :--- | :--- |
| Maximum load current | 10 A |
| Nominal voltage | 400 V (the voltage is determined by the component used) |

## Dimensions

| Dimensional drawing |
| :--- |
| Width |
| Height |
| Depth |

Material specifications

| Color | gray |
| :--- | :--- |
| Flammability rating according to UL 94 | VO |
| Insulating material | $-60^{\circ} \mathrm{C}$ |
| Static insulating material application in cold | $130^{\circ} \mathrm{C}$ |
| Temperature index of insulation material (DIN EN 60216-1 (VDE <br> 0304-21)) | $130^{\circ} \mathrm{C}$ |
| Relative insulation material temperature index (Elec., UL 746 B) | $\mathrm{HL} 1-\mathrm{HL} 3$ |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | $\mathrm{HL} 1-\mathrm{HL} 3$ |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | $\mathrm{HL} 1-\mathrm{HL} 3$ |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | $\mathrm{HL} 1-\mathrm{HL} 3$ |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | $28 \mathrm{MJ} / \mathrm{kg}$ |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | passed |
| 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) |  |

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Environmental and real-life conditions

Ambient conditions

| Ambient temperature (operation) | $-60^{\circ} \mathrm{C} \ldots 105^{\circ} \mathrm{C}$ (max. short-term operating temperature RTI |
| :--- | :--- |
| Elec.) |  | | Ambient temperature (storage/transport) | $-25^{\circ} \mathrm{C} \ldots 60^{\circ} \mathrm{C}$ (for a short time, not exceeding $24 \mathrm{~h},-60{ }^{\circ} \mathrm{C}$ to |
| :--- | :--- |
| Ambient temperature (assembly) | $-5^{\circ} \mathrm{C}$ ) $\ldots 70^{\circ} \mathrm{C}$ |
| Ambient temperature (actuation) | $-5^{\circ} \mathrm{C} \ldots 70^{\circ} \mathrm{C}$ |
| Permissible humidity (storage/transport) | $30 \% \ldots 70 \%$ |

## Mounting

Mounting type

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## Classifications

| ECLASS |  |
| :--- | :--- |
| ECLASS-11.0 | 27141149 |
| ECLASS-12.0 | 27141149 |
| ECLASS-13.0 | 27250305 |
| ETIM |  |
| ETIM 9.0 | EC002018 |
| UNSPSC |  |
| UNSPSC 21.0 | 39121600 |

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## Environmental product compliance

## China RoHS

Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values

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

