

# P-CO - Component connector



3036796

<https://www.phoenixcontact.com/pc/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
Product key	BE2Z3X
GTIN	4017918929145
Weight per piece (including packing)	3.65 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
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### Product properties

Number of positions	1
Pitch	5.2 mm
Potentials	1

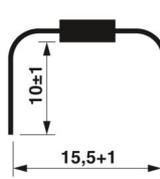
### Insulation characteristics

Pollution degree	3
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### Connection data

Connection method	Plug-in connection
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 0.8 mm <sup>2</sup>
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 0.8 mm <sup>2</sup>
Nominal cross section	0.5 mm <sup>2</sup>
Nominal current	6 A
Maximum load current	6 A (with 0.5 mm <sup>2</sup> conductor cross-section)
Nominal voltage	250 V (the voltage is determined by the component used)

### 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
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

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3036796

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

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

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, 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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

Mounting type	Pluggable (slot)
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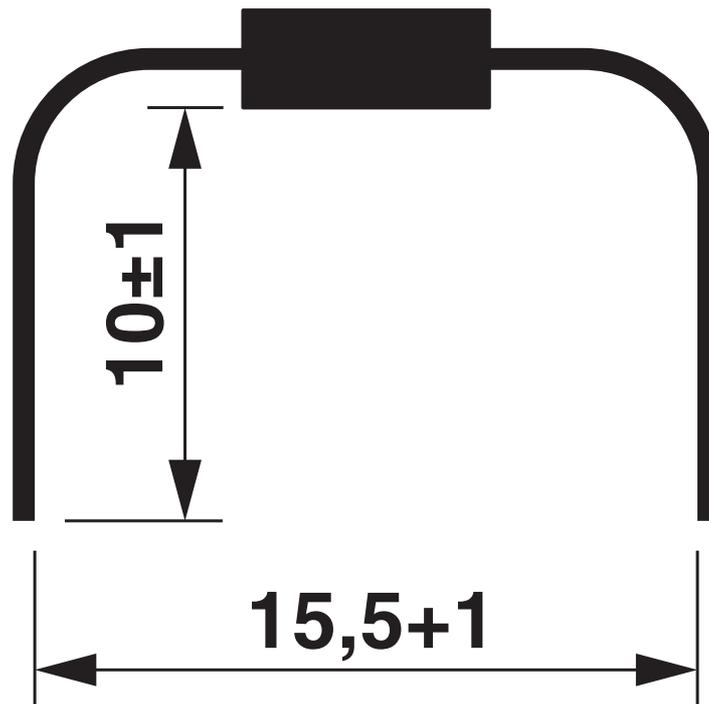
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## Drawings

Dimensional drawing



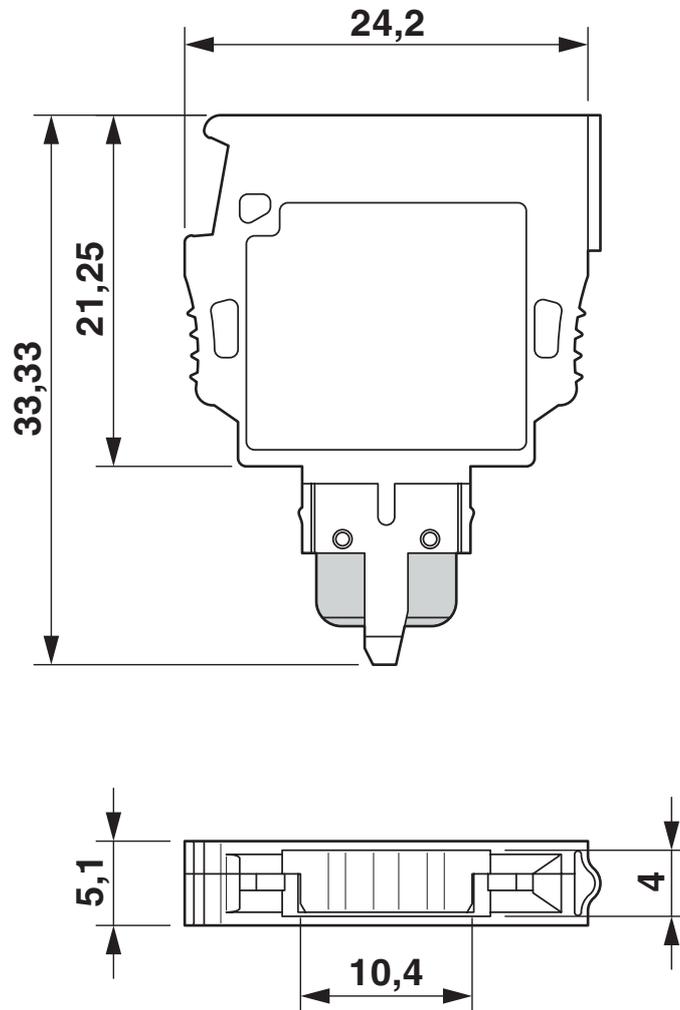
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3036796

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Dimensional drawing



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## Approvals

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



**CSA**

Approval ID: 2030668

**DNV**

Approval ID: TAE000010T

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## Classifications

### ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

### ETIM

ETIM 10.0	EC002018
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### UNSPSC

UNSPSC 21.0	39121600
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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	0.023 kg CO2e
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