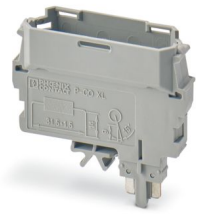
P-CO XL - Component connector

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	BE29
Product key	BE2Z3X
GTIN	4055626042930
Weight per piece (including packing)	8.2 g
Weight per piece (excluding packing)	7.7 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Notes

Notes on operation	Components with a wire diameter from 0.3 mm up to 1.2 mm can be used. Component diameters up to 10.2 mm.

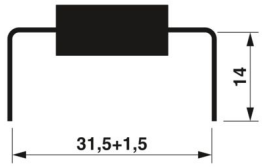
Product properties

Product type	Component plug terminal block
Number of positions	1
Potentials	1

Connection data

Connection method	Plug-in connection
Stripping length	10 mm
Conductor cross-section rigid	0.08 mm² ... 1 mm²
Conductor cross-section flexible	0.08 mm² ... 1 mm²
Nominal cross section	1 mm²
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	12.3 mm
Height	41.2 mm
Depth	37.5 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
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

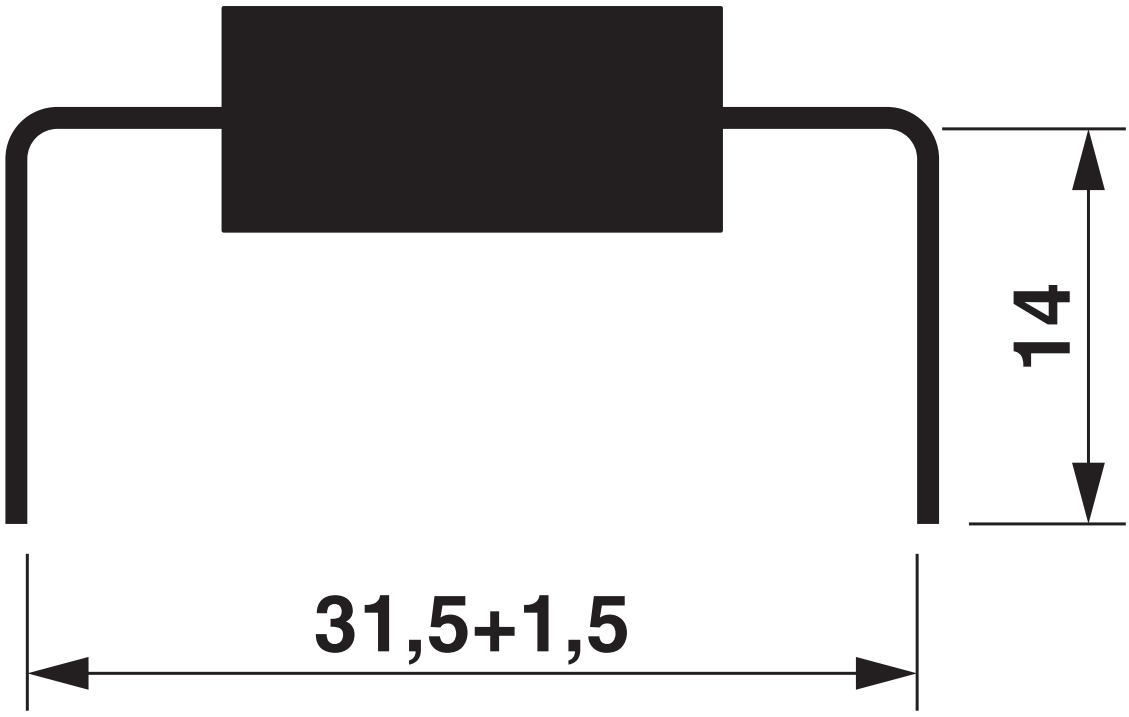
Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-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)

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3036797

CSA
Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	7 A	28 - 18	-
C				
	300 V	7 A	28 - 18	-

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	7 A	28 - 18	-
C				
	300 V	7 A	28 - 18	-

DNV
Approval ID: TAE000010T

Classifications

ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

ETIM

ETIM 10.0	EC002018

UNSPSC

UNSPSC 21.0	39121600

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	0.181 kg CO2e

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