

P-CO XL SKN - Component connector



3036798

<https://www.phoenixcontact.com/us/products/3036798>

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Component connector, specifically for holding the SKN 2,5 diode, 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)
- Connector with internal contact area for SKN 2.5 diodes
- Tested for railway applications

Commercial data

Item number	3036798
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE29
Product key	BE2Z3X
Catalog page	Page 417 (C-1-2019)
GTIN	4055626165707
Weight per piece (including packing)	7.9 g
Weight per piece (excluding packing)	6.88 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Notes

General	Components with a wire diameter from 0.3 mm up to 1.2 mm can be used
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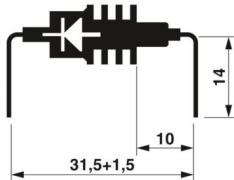
Product properties

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

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	12.3 mm
Height	41.2 mm
Depth	37.5 mm

Material specifications

Color	gray
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

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Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Mounting

Mounting type	Pluggable (slot)
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002018
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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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