

FP (5X20) 24 - Fuse plug

3214042

<https://www.phoenixcontact.com/gb/products/3214042>

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Fuse plug, Suitable for terminal blocks with a width of 5.2 mm and above with TG zone, with LED display for 15-30 V AC/DC, alternating arrangement on 5.2 mm disconnect terminal blocks, nom. voltage: 24 V, nominal current: 6.3 A, connection method: Plug-in connection, fuse type: G / 5 x 20, mounting type: Plug-in mounting, color: dark gray

Your advantages

- Large-surface labeling option
- Versions with bipolar error display
- Test contacts on both sides of the fuse
- Can be used for overload/short-circuit protection

Commercial data

Item number	3214042
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BEKZ3X
Product key	BEKZ3X
GTIN	4046356568296
Weight per piece (including packing)	5.643 g
Weight per piece (excluding packing)	5 g
Customs tariff number	85369095
Country of origin	CN

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Technical data

Notes

General	Suitable for terminal blocks with a width of 5.2 mm and above with TG zone
Notes on operation	Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block.

Product properties

Product type	Fuse
Pitch	5.2 mm
Potentials	1

Insulation characteristics

Degree of pollution	3
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Electrical properties

Fuse	G / 5 x 20
LED voltage range	12 V DC ... 30 V DC
LED current range	0.35 mA ... 0.95 mA

Input data

LED voltage range	12 V DC ... 30 V DC
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Connection data

Connection method	Plug-in connection
Nominal current	6.3 A (the current is determined by the fuse used)
Maximum load current	6.3 A (the current is determined by the fuse used)
Nominal voltage	24 V

Dimensions

Width	6.2 mm
Height	25 mm
Depth	57.7 mm
Length	25 mm
Pitch	5.2 mm

Material specifications

Color	traffic grey B (RAL 7043)
Flammability rating according to UL 94	V0
Insulating material	PA

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI)
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	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	Plug-in mounting
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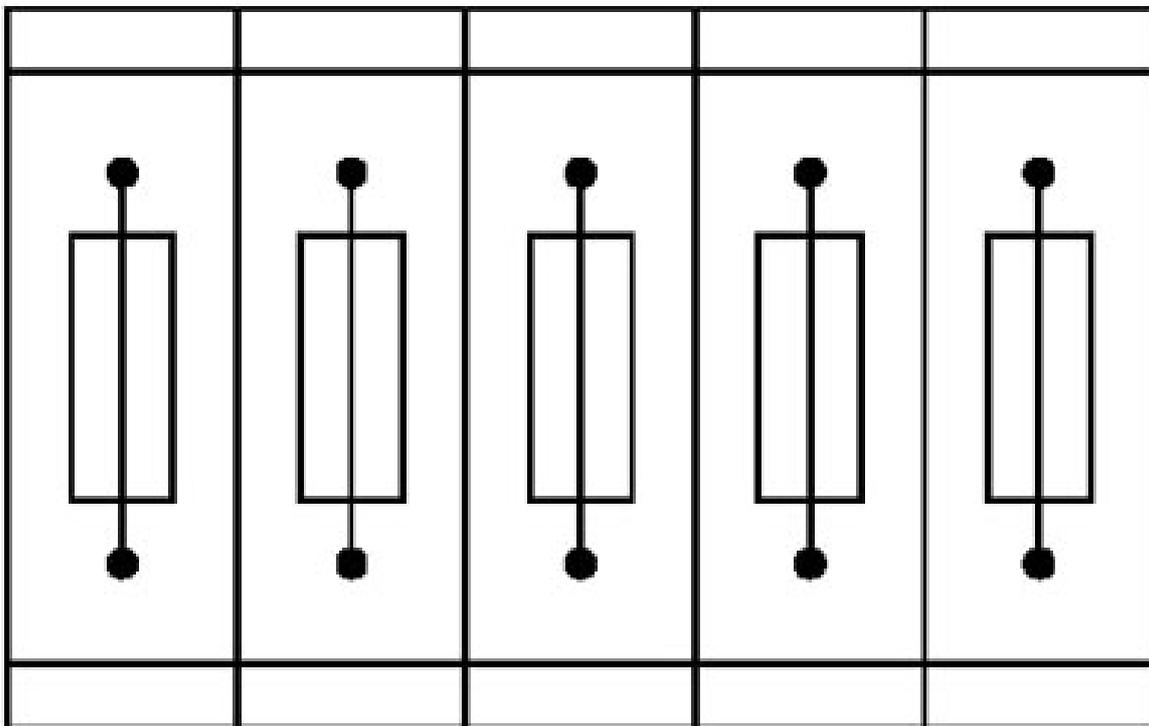
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Drawings

Application drawing



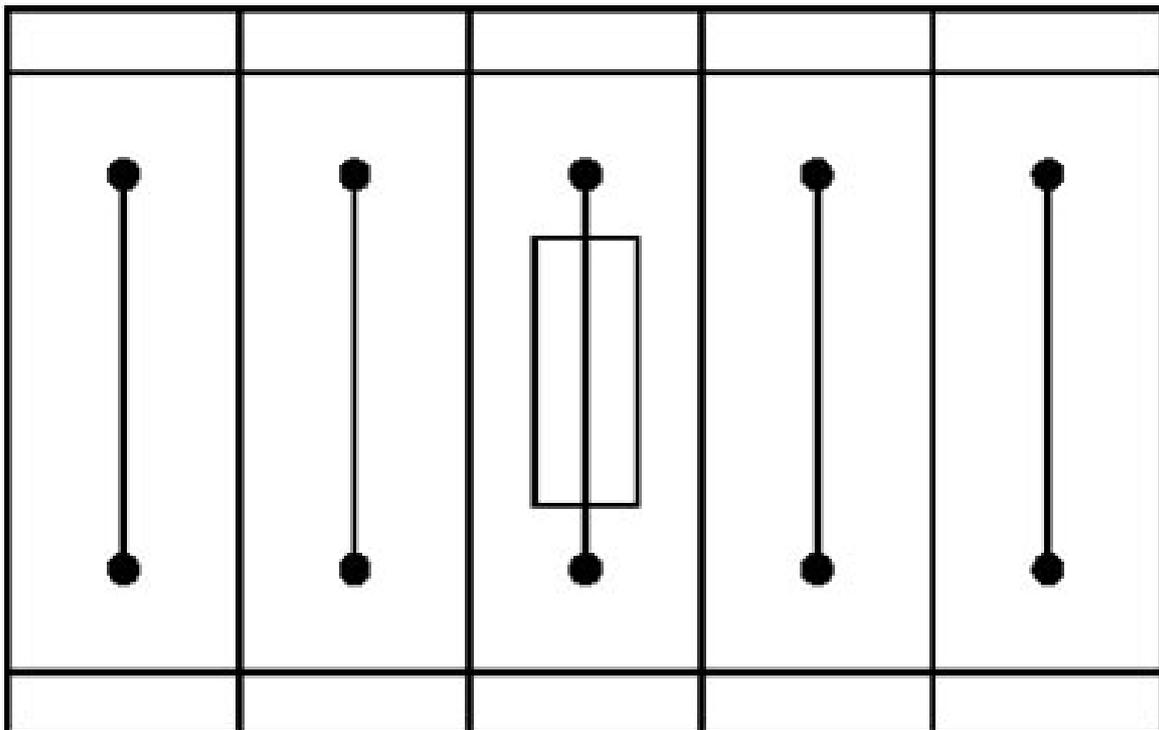
Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks

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Application drawing



Fuse terminal block in single arrangement,
block consisting of one fuse terminal block and 4 feed-through terminal blocks

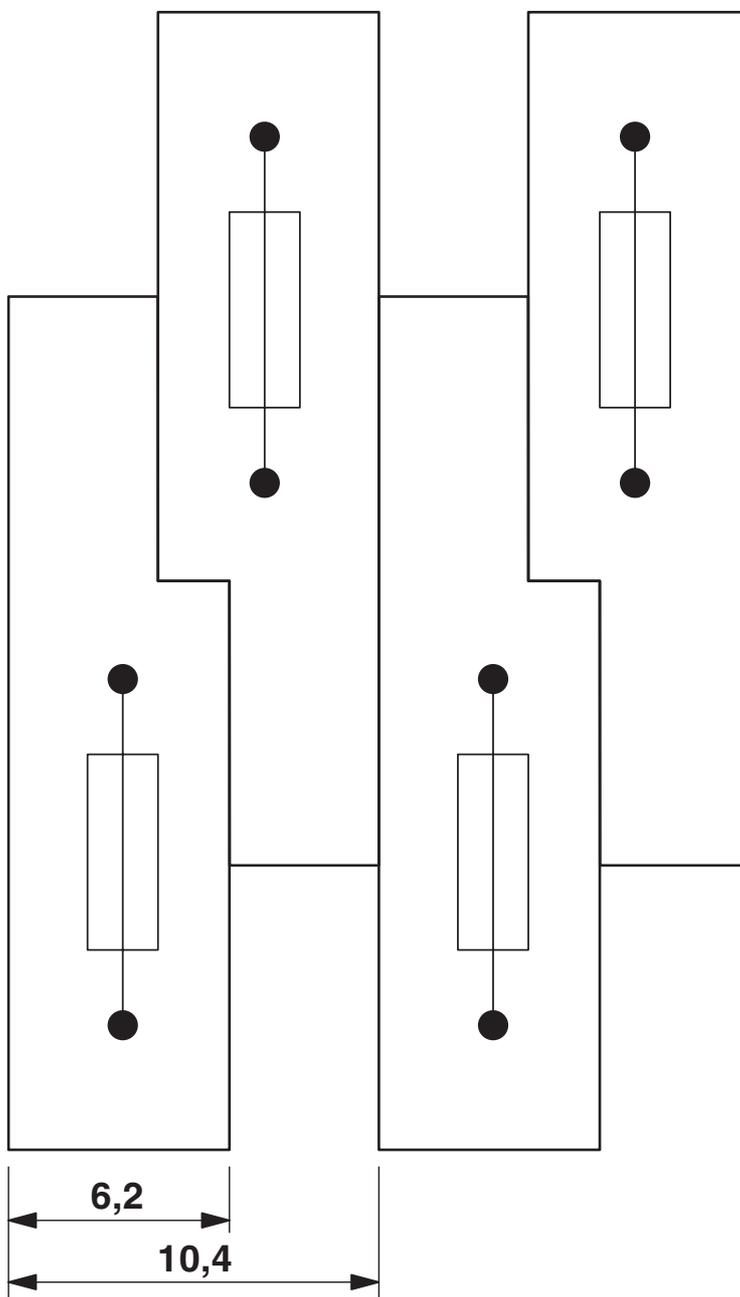
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Application drawing



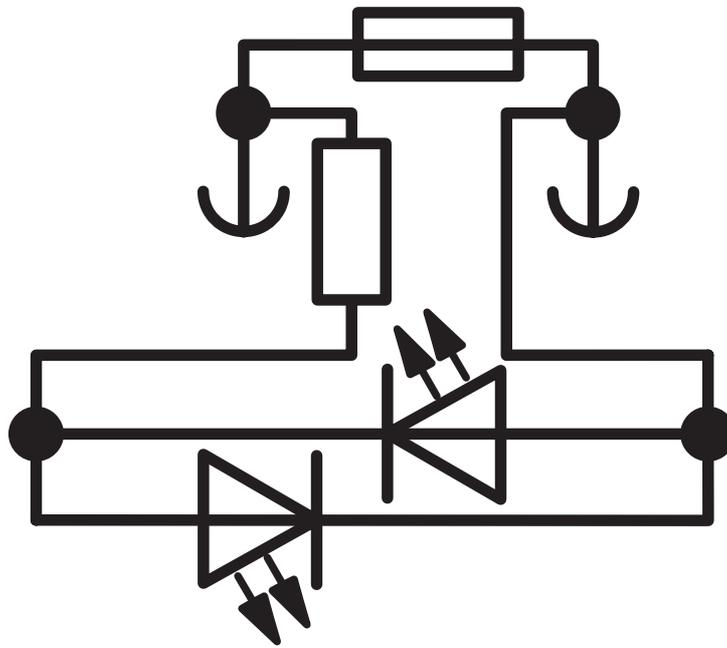
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Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/3214042>

 CSA Approval ID: 2030668				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	300 V	10 A	-	-

 EAC Approval ID: RU C-DE.BL08.B.00714				
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Classifications

ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

ETIM

ETIM 9.0	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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