

P-FU 5X20 LED 24-EX - Fuse plug



3036821
<https://www.phoenixcontact.com/us/products/3036821>

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Fuse plug, Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block., nom. voltage: 24 V, nominal current: 6.3 A, fuse type: G / 5 x 20, color: black

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	3036821
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE29
Product key	BE2Z3X
Catalog page	Page 163 (C-1-2019)
GTIN	4046356919227
Weight per piece (including packing)	4.225 g
Weight per piece (excluding packing)	4.14 g
Customs tariff number	85369095
Country of origin	PL

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Technical data

Notes

Notes on operation	Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block.
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Product properties

Product type	Fuse
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	0.31 mA ... 0.95 mA

Input data

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

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 (The voltage is determined by the fuse or selected LED display)

Dimensions

Width	6.2 mm
Height	28 mm
Depth	25 mm
Length	28 mm

Material specifications

Color	black
Flammability rating according to UL 94	V0
Insulating material	PA

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, no longer than 24 h, -60°C to +70°C)
Ambient temperature (assembly)	-5 °C ... 70 °C

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Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

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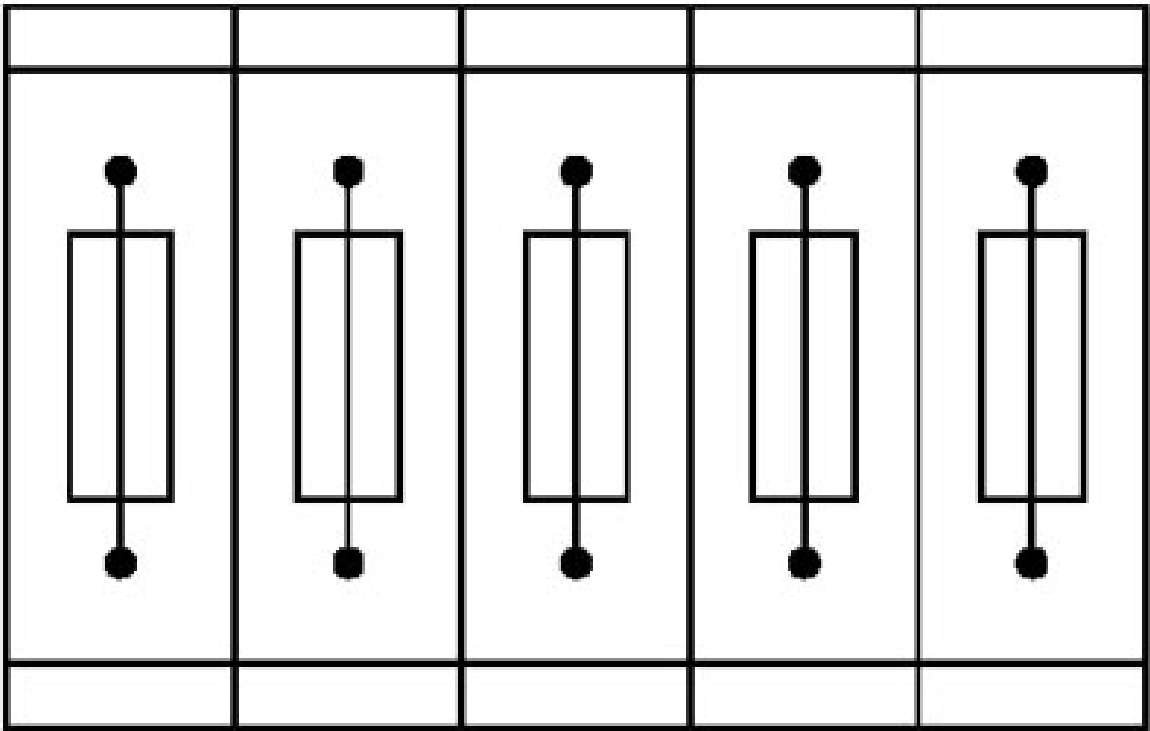


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Drawings

Application drawing



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

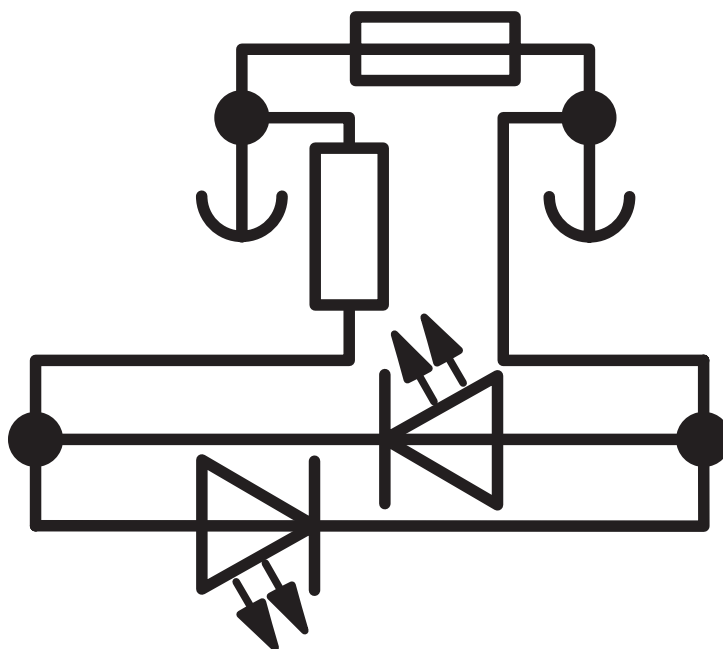
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Circuit diagram



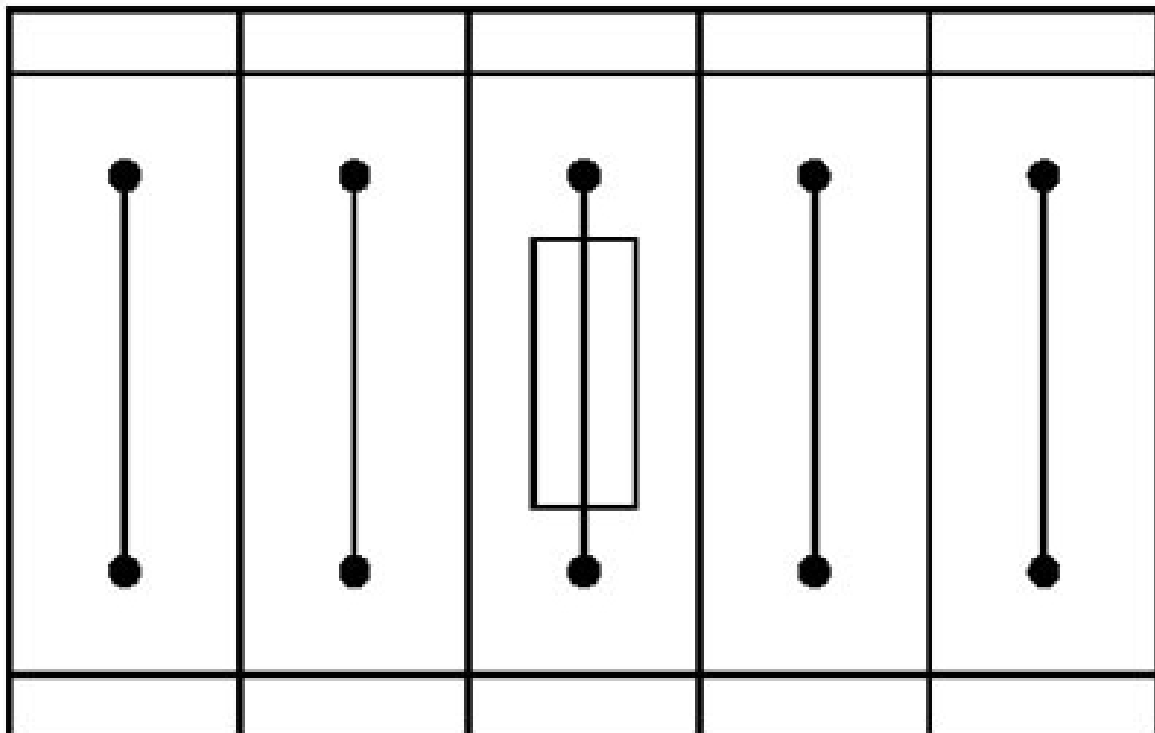
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Application drawing



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

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Approvals

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CSA

Approval ID: 2030668



CSA

Approval ID: 2030668



EAC

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



cUL Recognized

Approval ID: E192998



EAC Ex

Approval ID: RU C-DE.Ax07.B.03227



UL Recognized

Approval ID: E192998



CCC

Approval ID: 2020322313000632



UKCA-EX

Approval ID: UL22UKEX2452U

cULus Recognized

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Classifications

ECLASS

ECLASS-11.0	27141149
ECLASS-12.0	27141149
ECLASS-13.0	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
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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