

# P-FU 6,3X32 LED 24-EX - Fuse plug



3046509

<https://www.phoenixcontact.com/us/products/3046509>

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Fuse plug, Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block., nominal current: 10 A, fuse type: G / 6,3 x 32, 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	3046509
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE19
Product key	BE1Z3X
Catalog page	Page 174 (C-1-2019)
GTIN	4046356919265
Weight per piece (including packing)	6.6 g
Weight per piece (excluding packing)	6.6 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

### Data management status

Article revision	01
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### Insulation characteristics

Degree of pollution	3
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### Electrical properties

Fuse	G / 6,3 x 32
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	10 A (the current is determined by the fuse used)
Maximum load current	10 A (the current is determined by the fuse used)

### Dimensions

Width	8.2 mm
Height	40 mm
Depth	27 mm
Length	40 mm

### Material specifications

Color	black (RAL 9005)
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 Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)

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

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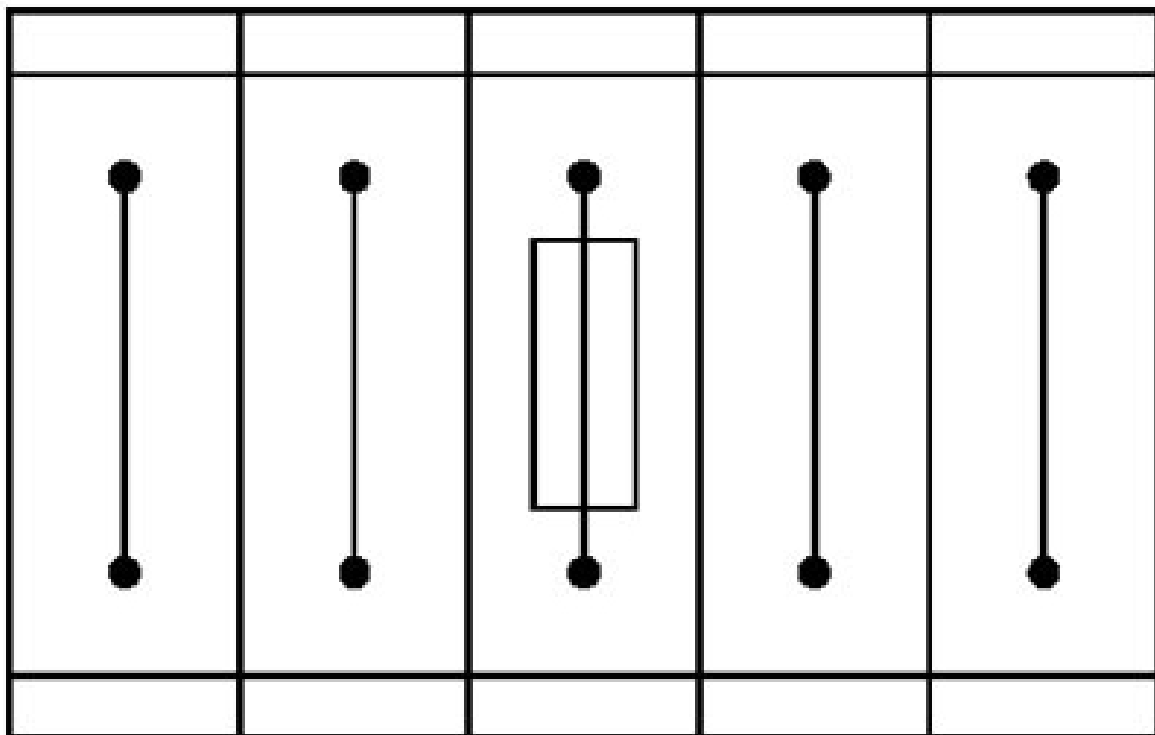
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## Drawings

Application drawing



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

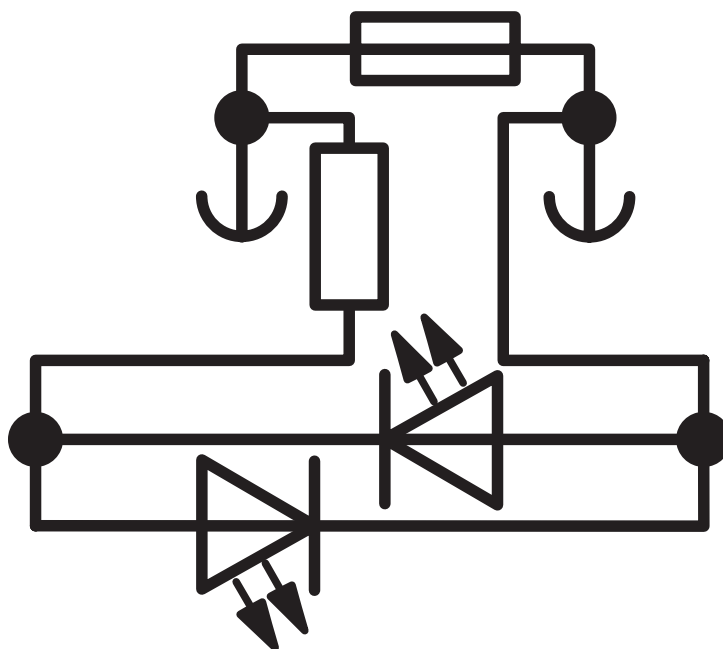
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Circuit diagram



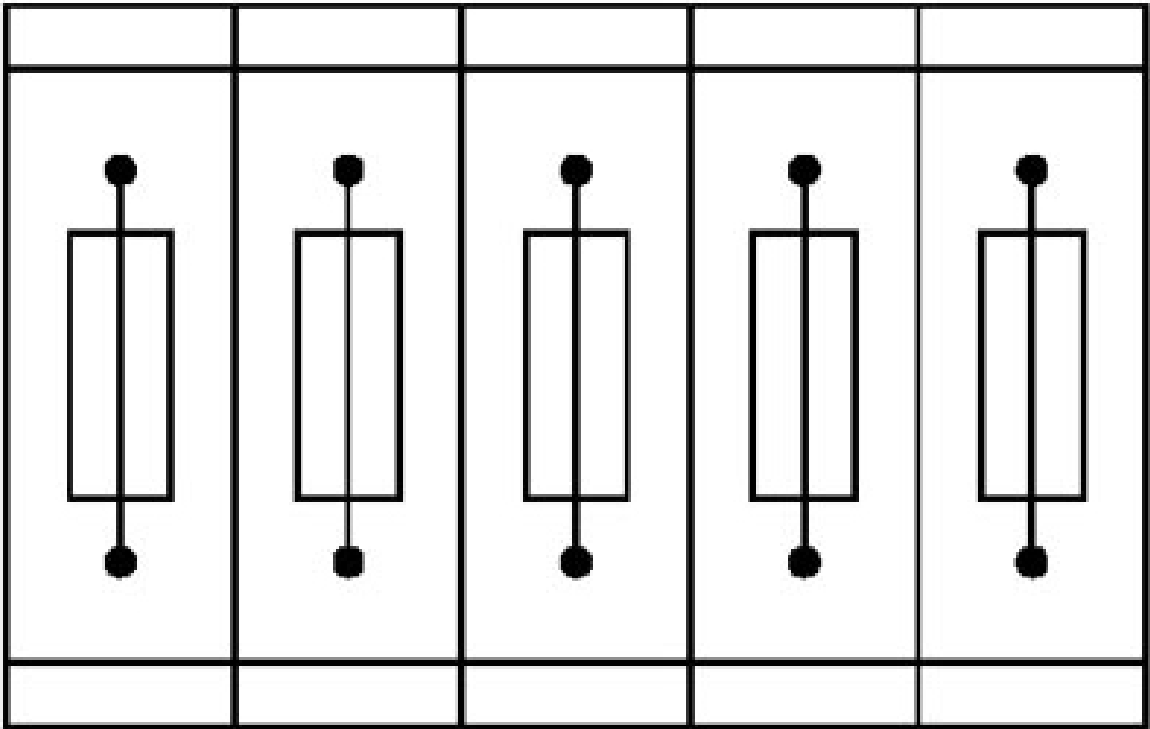
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Application drawing



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

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## Approvals


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	CSA Approval ID: 2030668			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	300 V	10 A	-	-

	EAC Approval ID: RU C-DE.BL08.B.00714
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	cUL Recognized Approval ID: E192998
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	EAC Ex Approval ID: RU C-DE.Ax07.B.03227
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	UL Recognized Approval ID: E192998
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	CCC Approval ID: 2020322313000632
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	UKCA-EX Approval ID: UL22UKEX2452U
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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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