

# P-FU 5X20-EX - Fuse plug

3036807

<https://www.phoenixcontact.com/us/products/3036807>



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Fuse plug, Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block., nom. voltage: 500 V, nominal current: 6.3 A, connection method: Plug-in connection, fuse type: G / 5 x 20, color: black

## Your advantages

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

## Commercial data

Item number	3036807
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE29
Product key	BE2Z3X
GTIN	4046356919210
Weight per piece (including packing)	4 g
Weight per piece (excluding packing)	3.8 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
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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	500 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 (RAL 9005)
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;
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	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 %

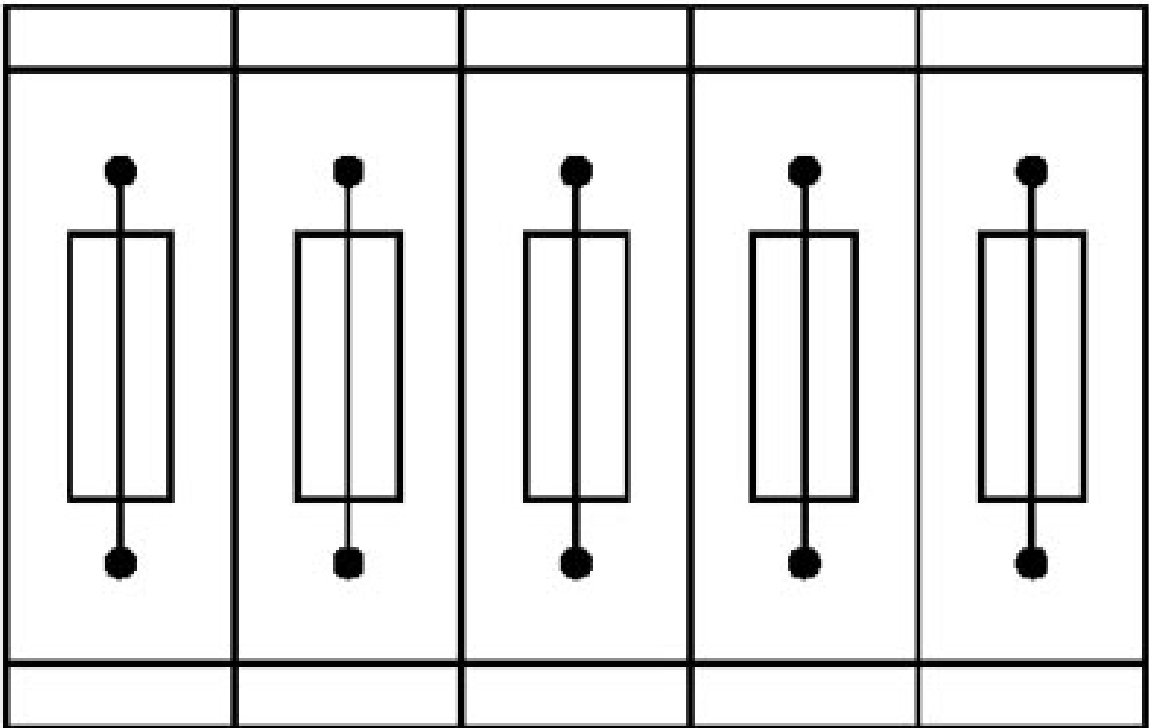
P-FU 5X20-EX - Fuse plug



3036807  
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Drawings

Application drawing



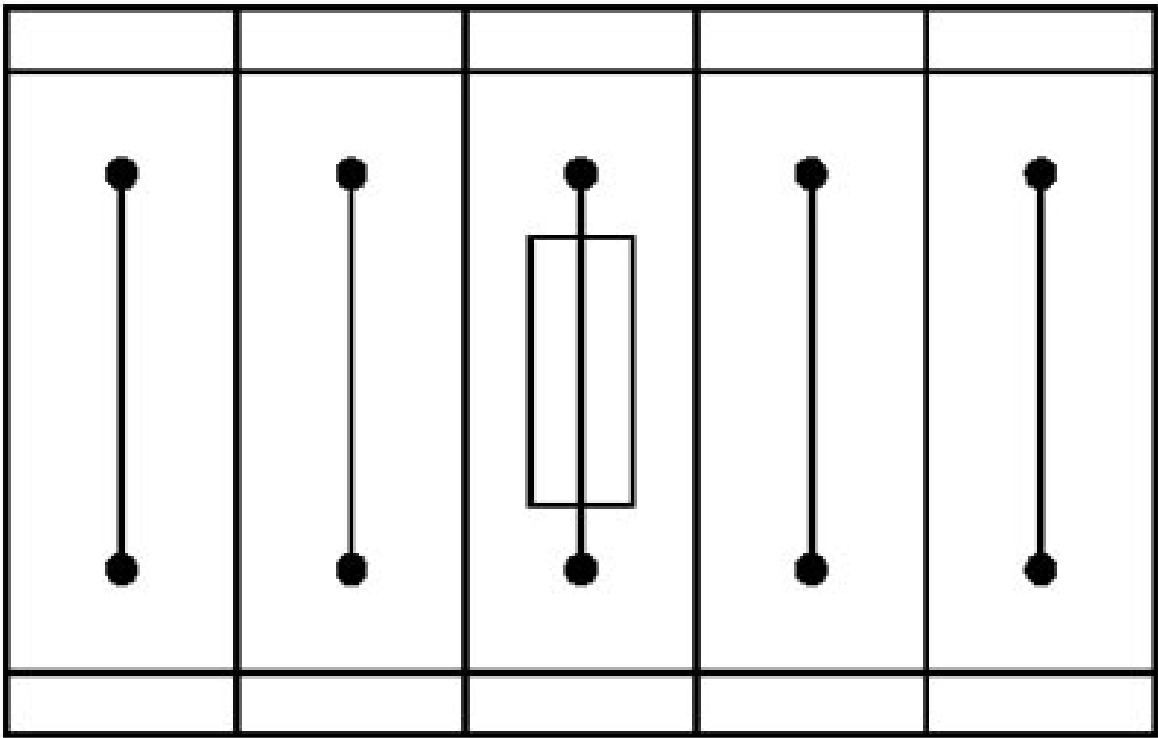
Fuse terminal blocks in interconnected arrangement,  
block consisting of 5 fuse terminal blocks

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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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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3036807>



**CSA**

Approval ID: 2030668

Nominal voltage  $U_N$

Nominal current  $I_N$

Cross section AWG

Cross section  $\text{mm}^2$

300 V

10 A

-

-



**IECEE CB Scheme**

Approval ID: NL-61580



**EAC**

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



**cULus Recognized**

Approval ID: E60425

Nominal voltage  $U_N$

Nominal current  $I_N$

Cross section AWG

Cross section  $\text{mm}^2$

300 V

10 A

-

-



**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



**EAC Ex**

Approval ID: KZ 7500525010101950

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3036807

<https://www.phoenixcontact.com/us/products/3036807>



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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
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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