

## Fuse plug - P-FU 5X20 LED 60-5 - 3209251

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Fuse plug, connection method: Plug connection, nominal current: 6.3 A, nom. voltage: 250 V, width: 6.2 mm, fuse type: G / 5 x 20, mounting type: Plug-in mounting, 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



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 548359
GTIN	4046356548359
Weight per Piece (excluding packing)	6.000 g
Custom tariff number	85369095
Country of origin	China

### Technical data

#### General

Note	Suitable for terminal blocks with a width of 5.2 mm and above with TG zone
	Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block.
Color	black

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## Technical data

### General

Insulating material	PA
Flammability rating according to UL 94	V0

### Dimensions

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

### General

Degree of pollution	3
LED voltage range	30 V AC/DC ... 60 V AC/DC
LED current range	0.36 mA ... 0.95 mA
Maximum load current	6.3 A (the current is determined by the fuse used)
Nominal current $I_N$	6.3 A (the current is determined by the fuse used)
Nominal voltage $U_N$	250 V (The current is determined by the fuse used, the voltage by the fuse or selected LED display.)
Fuse	G / 5 x 20
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

### Connection data

Connection method	Plug connection
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### Ambient conditions

Operating temperature	-60 °C ... 105 °C (max. short-term operating temperature 130 °C)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

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## Technical data

### Standards and Regulations

Connection in acc. with standard	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

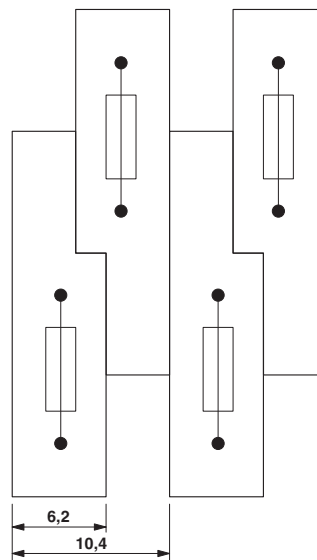
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Circuit diagram



Application drawing



## Classifications

eCl@ss

eCl@ss 10.0.1	27142001
eCl@ss 11.0	27141149
eCl@ss 4.0	27142000
eCl@ss 4.1	27142000
eCl@ss 5.0	27142000
eCl@ss 5.1	27142000
eCl@ss 6.0	27142000
eCl@ss 7.0	27142001
eCl@ss 9.0	27142001

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## Classifications

### ETIM

ETIM 4.0	EC002018
ETIM 6.0	EC000035
ETIM 7.0	EC000035

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121629
UNSPSC 18.0	39121629
UNSPSC 19.0	39121629
UNSPSC 20.0	39121629
UNSPSC 21.0	39121629

## Approvals


### Approvals


Approvals

CSA / EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals


### Approval details


CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
Nominal voltage UN	300 V		
Nominal current IN	10 A		


EAC		RU C- DE.BL08.B.00714
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## Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
Nominal voltage UN		300 V	
Nominal current IN		10 A	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
Nominal voltage UN		300 V	
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cULus Recognized			
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