

## Fuse plug - P-FU 5X20 LED 24-5 - 3209248

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 6.3 A, width: 6.2 mm, fuse type: G / 5 x 20, mounting type: Plug-in mounting, color: black

### Why buy this product

- 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 STK
Minimum order quantity	10 STK
GTIN	 4 046356 548342
GTIN	4046356548342
Weight per Piece (excluding packing)	5.250 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.
Number of levels	1
Color	black

# Fuse plug - P-FU 5X20 LED 24-5 - 3209248

## Technical data

### General

Insulating material	PA
Flammability rating according to UL 94	V0
Maximum power dissipation for nominal condition	1.6 W

### Dimensions

Width	6.2 mm
Length	25 mm
Pitch	5.2 mm

### General

Fuse	G / 5 x 20
Fuse type	Glass / ceramics / ...
Degree of pollution	3
Maximum power dissipation	1.6 W (Short-circuit and overload protection)
LED voltage range	12 V DC ... 30 V DC
LED current range	0.35 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)
Open side panel	No
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
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
-------------------	-----------------

# Fuse plug - P-FU 5X20 LED 24-5 - 3209248

## Technical data

### Standards and Regulations

Connection in acc. with standard	CSA
Flammability rating according to UL 94	V0
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3

### Environmental Product Compliance

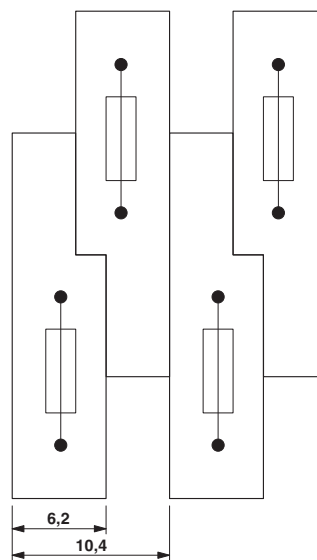
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Circuit diagram



Application drawing



## Classifications

eCl@ss

eCl@ss 4.0	27142001
eCl@ss 4.1	27142001
eCl@ss 5.0	27142001
eCl@ss 5.1	27142001
eCl@ss 6.0	27141149
eCl@ss 7.0	27141149

# Fuse plug - P-FU 5X20 LED 24-5 - 3209248

## Classifications

### eCl@ss

eCl@ss 8.0	27142001
eCl@ss 9.0	27142001

### ETIM

ETIM 4.0	EC002018
ETIM 5.0	EC000035
ETIM 6.0	EC000035

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121629

## Approvals

### Approvals

---

#### Approvals


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

---

#### Ex Approvals


---


### Approval details


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 current I <sub>N</sub>	10 A		
Nominal voltage U <sub>N</sub>	24 V		

# Fuse plug - P-FU 5X20 LED 24-5 - 3209248

## Approvals

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 current IN	10 A		
Nominal voltage UN	24 V		

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
Nominal current IN	10 A		
Nominal voltage UN	24 V		

EAC		EAC-Zulassung	
-----	--	---------------	--

cULus 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>
------------------	---	---