

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

3209248

<https://www.phoenixcontact.com/us/products/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 documentation. Our general terms of use for downloads are valid.



Fuse plug, nom. voltage: 24 V, nominal current: 6.3 A, connection method: Plug-in connection, 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

Commercial data

Item number	3209248
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE29
Product key	BE2Z3X
GTIN	4046356548342
Weight per piece (including packing)	5.34 g
Weight per piece (excluding packing)	4.841 g
Customs tariff number	85369095
Country of origin	CN

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

3209248

<https://www.phoenixcontact.com/us/products/3209248>



Technical data

Notes

General	Suitable for terminal blocks with a width of 5.2 mm and above with TG zone
Notes on operation	Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block.

Product properties

Product type	Fuse
Pitch	5.2 mm
Potentials	1

Insulation characteristics

Degree of pollution	3
---------------------	---

Electrical properties

Fuse	G / 5 x 20
LED voltage range	12 V AC/DC ... 30 V AC/DC
LED current range	0.35 mA ... 0.95 mA

Input data

LED voltage range	12 V AC/DC ... 30 V AC/DC
-------------------	---------------------------

Connection data

Connection method	Plug-in connection
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 current is determined by the fuse used, the voltage by the fuse or selected LED display.)

Dimensions

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

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



3209248

<https://www.phoenixcontact.com/us/products/3209248>

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; 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 %

Mounting

Mounting type	Plug-in mounting
---------------	------------------

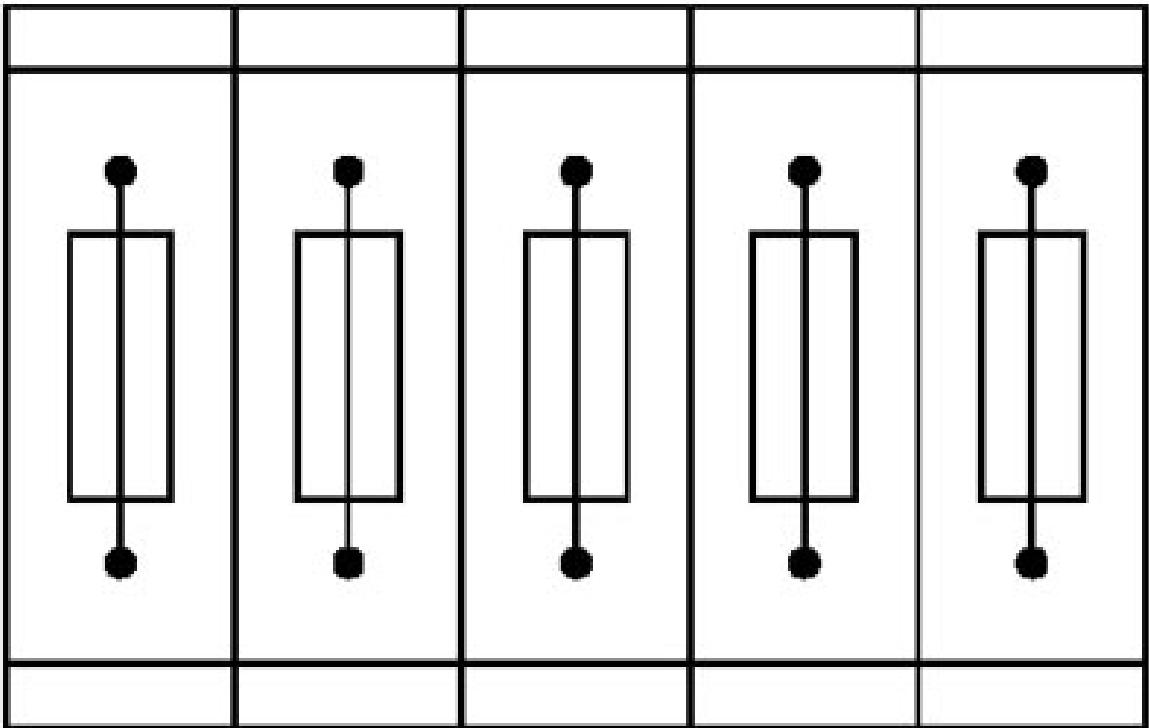
P-FU 5X20 LED 24-5 - Fuse plug



3209248
<https://www.phoenixcontact.com/us/products/3209248>

Drawings

Application drawing



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

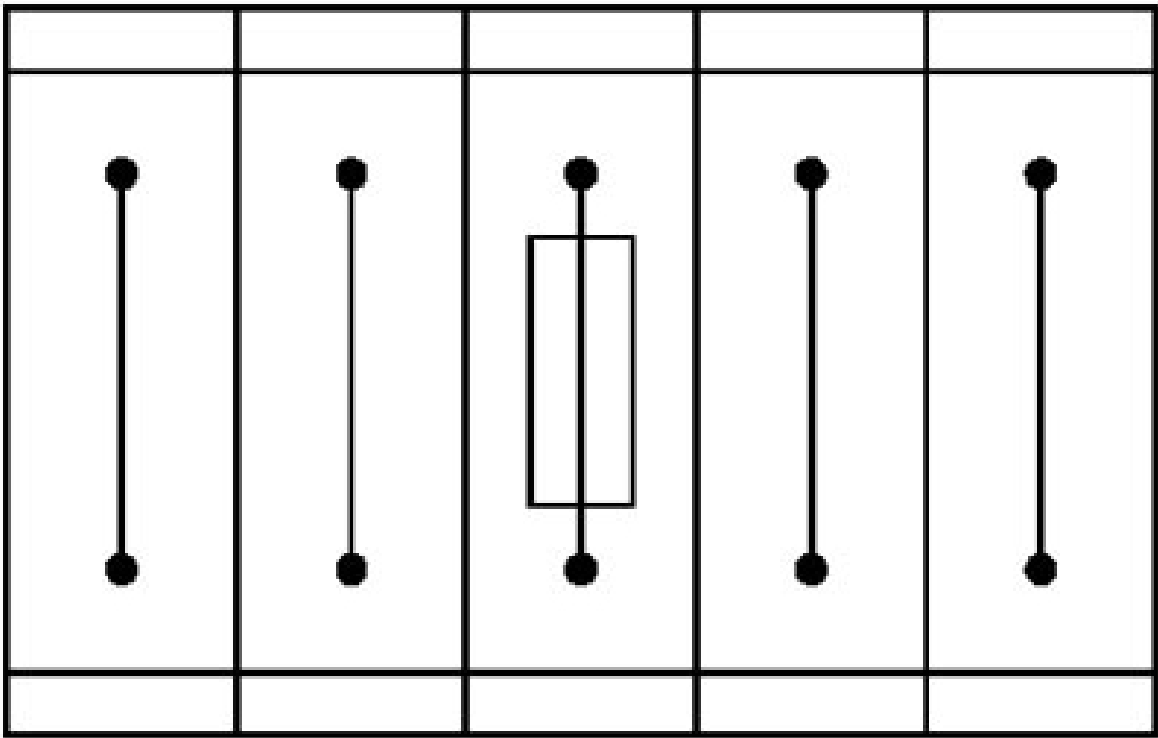
P-FU 5X20 LED 24-5 - Fuse plug



3209248

<https://www.phoenixcontact.com/us/products/3209248>

Application drawing



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

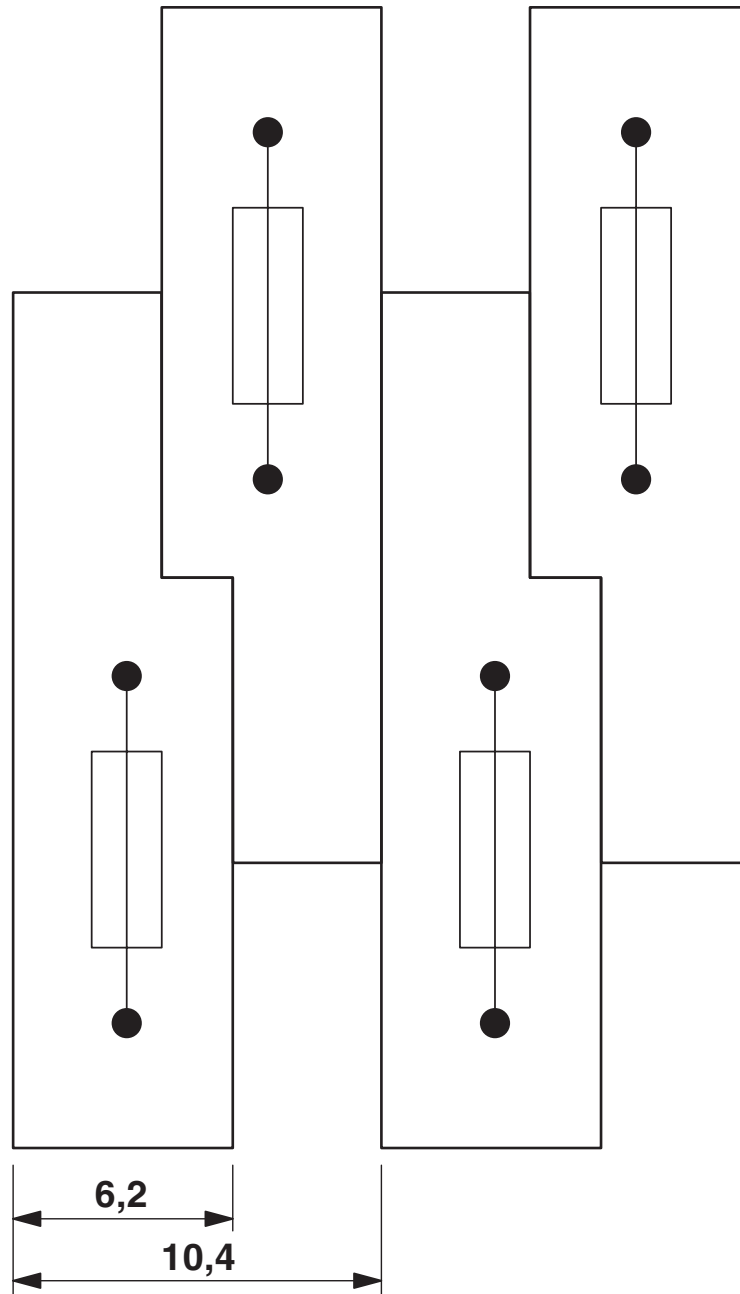
P-FU 5X20 LED 24-5 - Fuse plug

3209248

<https://www.phoenixcontact.com/us/products/3209248>



Application drawing



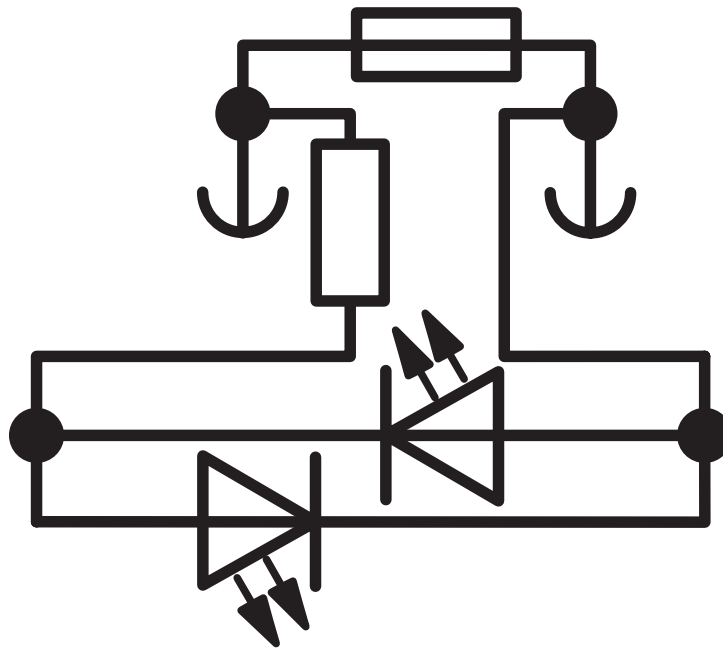
P-FU 5X20 LED 24-5 - Fuse plug

3209248

<https://www.phoenixcontact.com/us/products/3209248>



Circuit diagram



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



3209248

<https://www.phoenixcontact.com/us/products/3209248>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3209248>

 CSA Approval ID: 158887				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	300 V	10 A	-	-

 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 mm^2
keine				
	300 V	10 A	-	-

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

3209248

<https://www.phoenixcontact.com/us/products/3209248>



Classifications

ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

ETIM

ETIM 10.0	EC002018
-----------	----------

UNSPSC

UNSPSC 21.0	39121600
-------------	----------

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



3209248

<https://www.phoenixcontact.com/us/products/3209248>

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%
EF3.1 Climate Change	
CO2e kg	0.077 kg CO2e

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com