

P-FU 5X20-5 - Fuse plug



3209235
<https://www.phoenixcontact.com/au/products/3209235>

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, Suitable for terminal blocks with a width of 5.2 mm and above with TG zone, nom. voltage: 400 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
- 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	3209235
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE2Z3X
Product key	BE2Z3X
Catalog page	Page 414 (C-1-2019)
GTIN	4046356548335
Weight per piece (including packing)	5.05 g
Weight per piece (excluding packing)	4.619 g
Customs tariff number	85369095
Country of origin	CN

P-FU 5X20-5 - Fuse plug



3209235

<https://www.phoenixcontact.com/au/products/3209235>

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
------	------------

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	400 V (the voltage is determined by the fuse used)

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
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

P-FU 5X20-5 - Fuse plug

3209235

<https://www.phoenixcontact.com/au/products/3209235>



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
---------------	------------------

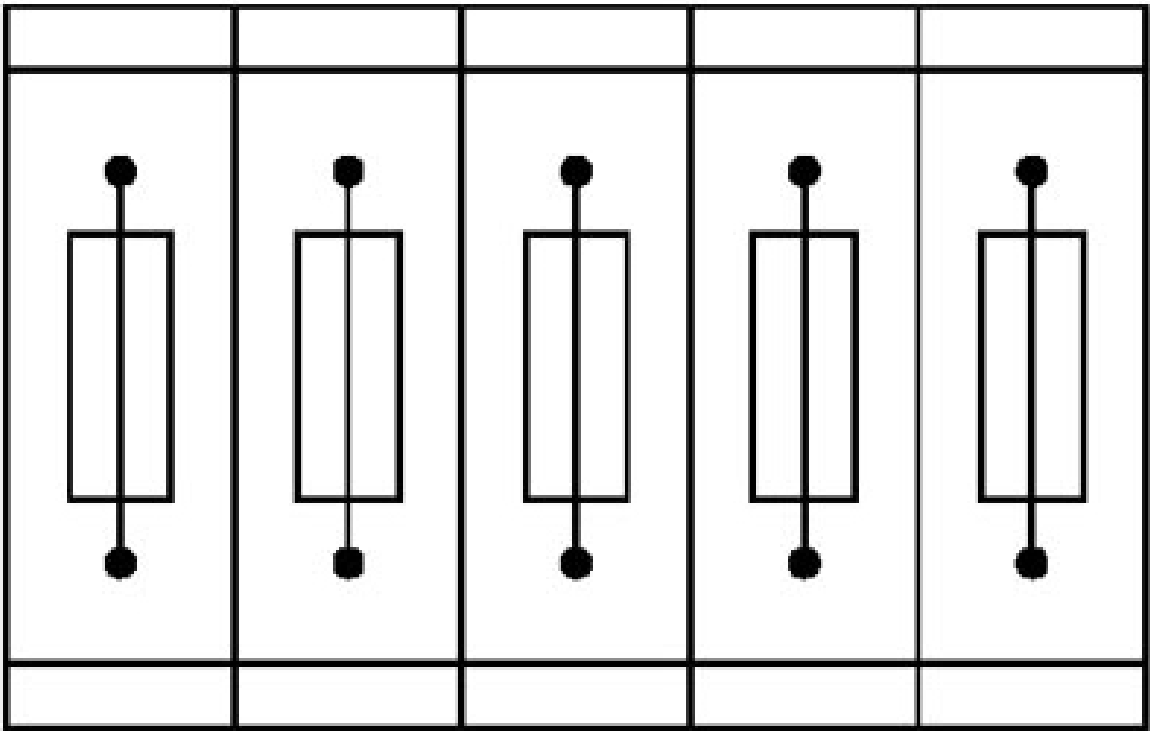
P-FU 5X20-5 - Fuse plug



3209235
<https://www.phoenixcontact.com/au/products/3209235>

Drawings

Application drawing



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

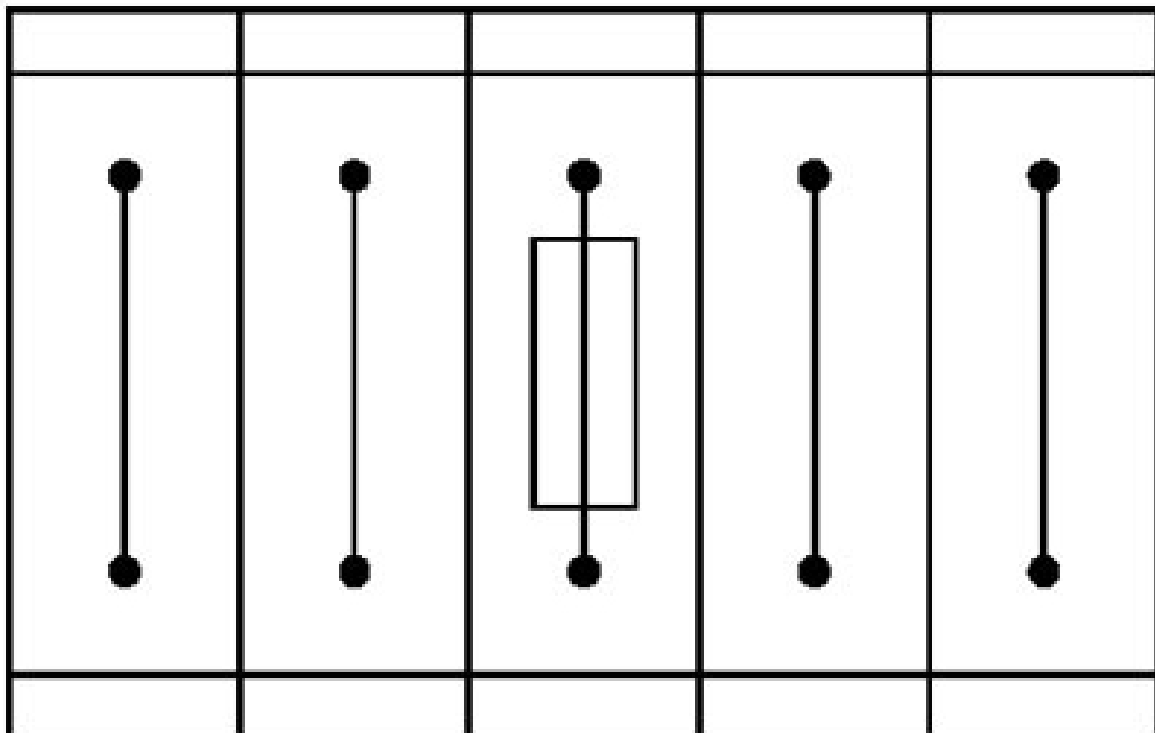
P-FU 5X20-5 - Fuse plug

3209235

<https://www.phoenixcontact.com/au/products/3209235>



Application drawing



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

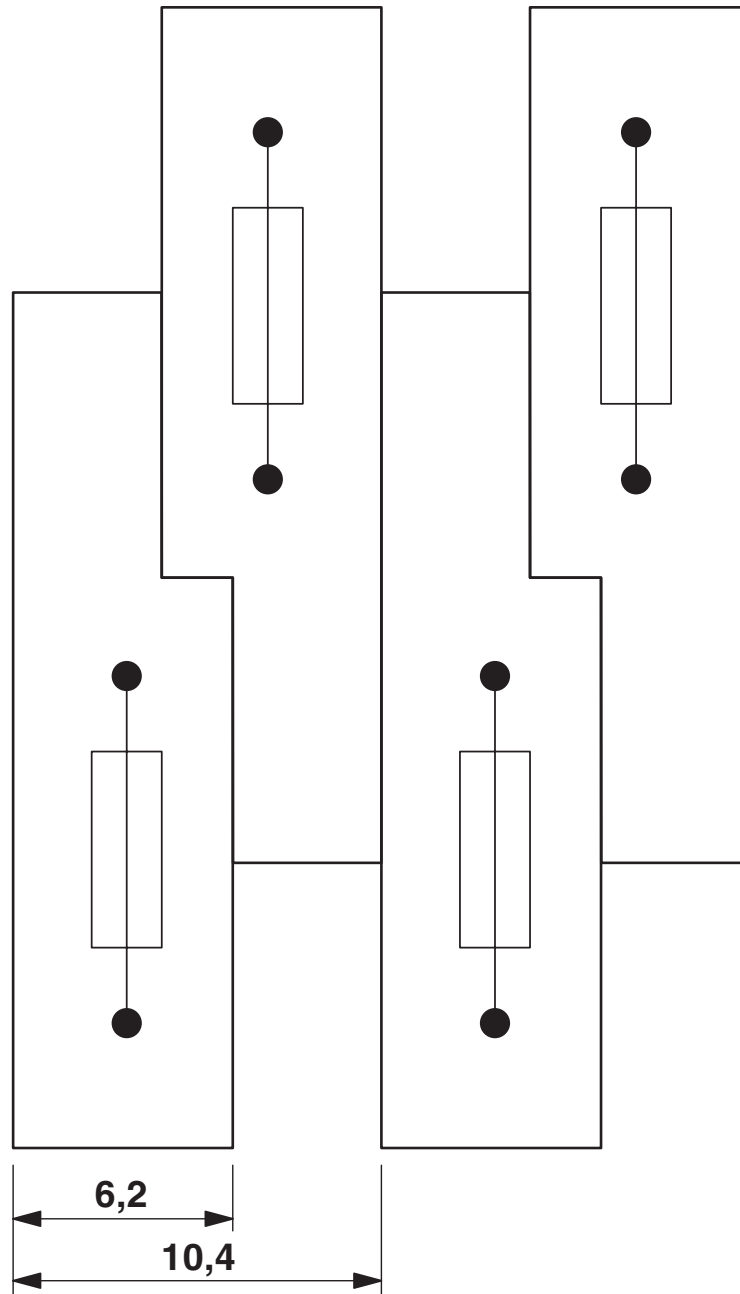
P-FU 5X20-5 - Fuse plug

3209235

<https://www.phoenixcontact.com/au/products/3209235>



Application drawing



P-FU 5X20-5 - Fuse plug





3209235

<https://www.phoenixcontact.com/au/products/3209235>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/3209235>

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

P-FU 5X20-5 - Fuse plug



3209235
<https://www.phoenixcontact.com/au/products/3209235>

Classifications

ECLASS

ECLASS-13.0	27250305
-------------	----------

ETIM

ETIM 9.0	EC002018
----------	----------

UNSPSC

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

P-FU 5X20-5 - Fuse plug

3209235

<https://www.phoenixcontact.com/au/products/3209235>



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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT PTY Ltd
Unit 7, 2-8 South Street
Rydalmere NSW 2116
1300 786 411
customerservice@phoenixcontact.com.au