

# P-FU-FSI/C 5X20 - Fuse plug



1446149

<https://www.phoenixcontact.com/au/products/1446149>

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Fuse plug, Prior to replacing the fuse, disconnect the fuse plug from the basic terminal block., nom. voltage: 400 V, nominal current: 6.3 A, fuse type: G / 5 x 20, mounting type: Plug-in mounting, color: black

## Your advantages

- Large-surface labeling option
- Can be used for overload/short-circuit protection

## Commercial data

Item number	1446149
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE2Z3X
Product key	BE2Z3X
GTIN	4063151830373
Weight per piece (including packing)	5.53 g
Weight per piece (excluding packing)	5 g
Customs tariff number	85369095
Country of origin	IN

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## Technical data

### Notes

Notes on safety	Prior to replacing the fuse, disconnect the fuse plug from the basic terminal block.
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### Product properties

Product type	Fuse
Pitch	5.2 mm

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

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

### Dimensions

Width	6.2 mm
Height	25 mm
Depth	58 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

### Environmental and real-life conditions

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## 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
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/1446149>

CSA Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B	150 V	15 A	-	-
Use group C	150 V	15 A	-	-

cULus Recognized Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B	150 V	15 A	-	-
Use group C	150 V	15 A	-	-
Use group F	400 V	15 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27250305
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### 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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