

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



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
Product key	BE2Z3X
GTIN	4063151830373
Weight per piece (including packing)	5.53 g
Weight per piece (excluding packing)	5 g
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/in/products/1446149>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section 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 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-11.0	27141149
ECLASS-12.0	27141149
ECLASS-13.0	27250305

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
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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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