

# ST-SILED 24 - Fuse plug

0920452

<https://www.phoenixcontact.com/us/products/0920452>

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Fuse plug, nom. voltage: 400 V, nominal current: 6.3 A, connection method: Plug-in connection, width: 9.9 mm, height: 45.4 mm, color: black

## Commercial data

Item number	0920452
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE19
Product key	BE1Z3X
Catalog page	Page 498 (C-1-2019)
GTIN	4017918010256
Weight per piece (including packing)	9.63 g
Weight per piece (excluding packing)	9.63 g
Customs tariff number	85369095
Country of origin	PL

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## Technical data

### Notes

General	If the fuse is defective, the downstream circuit is not off load
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### Product properties

Product type	Fuse
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### Electrical properties

Nominal current $I_N$	6.3 A
Fuse	G / 5 x 20 / 5 x 25 / 5 x 30
LED voltage range	15 V ... 30 V

### Input data

LED voltage range	15 V ... 30 V
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### Connection data

Nominal current	6.3 A
Nominal voltage	400 V

### Dimensions

Width	9.9 mm
Height	45.4 mm

### Material specifications

Color	black
Flammability rating according to UL 94	V2
Insulating material group	CTI 600
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

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Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

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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

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

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