

# ST-SILED 12-UK 4 - Fuse plug

0921024

<https://www.phoenixcontact.com/us/products/0921024>

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Fuse plug, nom. voltage: 12 V, nominal current: 6.3 A, connection method: Plug-in connection, depth: 45.7 mm, width: 6.1 mm, height: 33.1 mm, color: black

The figure shows the version without LED/light indicator

## Commercial data

Item number	0921024
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	BE19
Product key	BE1Z3X
GTIN	4017918010287
Weight per piece (including packing)	5.88 g
Weight per piece (excluding packing)	5.88 g
Customs tariff number	85369095
Country of origin	PL

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## Technical data

### Notes

Notes on operation	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
LED voltage range	5 V AC ... 15 V AC

### Input data

LED voltage range	5 V AC ... 15 V AC
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### Connection data

Connection method	Plug-in connection
Nominal current	6.3 A
Maximum load current	6.3 A
Nominal voltage	12 V

### Dimensions

Width	6.1 mm
Height	33.1 mm
Depth	45.7 mm

### Material specifications

Color	black (RAL 9005)
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))	125 °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)	27,5 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

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## Environmental and real-life conditions

### Ambient conditions

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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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0921024>

 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	300 V	10 A	-	-

 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00714				
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 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	24 V	10 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

### ETIM

ETIM 10.0	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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### EF3.1 Climate Change

CO2e kg	0.103 kg CO2e
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