

# ST 1-SILA 500 - Fuse plug

0920342

<https://www.phoenixcontact.com/us/products/0920342>



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Fuse plug, nom. voltage: 400 V, nominal current: 10 A, width: 9.9 mm, height: 45.4 mm, color: black

The figure shows ST 1-SILA  
250

## Commercial data

Item number	0920342
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	BE19
Product key	BE1Z3X
GTIN	4017918010201
Weight per piece (including packing)	10.01 g
Weight per piece (excluding packing)	9.995 g
Customs tariff number	85369095
Country of origin	PL

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## Technical data

### Product properties

Product type	Fuse
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### Electrical properties

Nominal current $I_N$	10 A
Fuse	G / 6,3 x 32

### Connection data

Nominal current	10 A
Nominal voltage	400 V (In the event of a defective fuse, the downstream circuit is not disconnected.)

### Dimensions

Width	9.9 mm
Height	45.4 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))	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

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

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Permissible humidity (storage/transport)
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30 % ... 70 %
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0920342>



**EAC**

Approval ID: RU C-DE.BL08.B.00714

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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	0.135 kg CO2e
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