

# 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 |
|--------------|------|

### 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) |
|--|

|               |
|---------------|
| 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 |
|-----------|----------|

### 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.135 kg CO2e |
|---------|---------------|

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