

# ST-SI - Fuse plug

0920229

<https://www.phoenixcontact.com/us/products/0920229>

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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                          | 0920229             |
| Packing unit                         | 50 pc               |
| Minimum order quantity               | 50 pc               |
| Sales key                            | BE19                |
| Product key                          | BE1Z3X              |
| Catalog page                         | Page 498 (C-1-2019) |
| GTIN                                 | 4017918010164       |
| Weight per piece (including packing) | 8.208 g             |
| Weight per piece (excluding packing) | 8.07 g              |
| Customs tariff number                | 85369095            |
| Country of origin                    | PL                  |

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## Technical data

### Product properties

|              |      |
|--------------|------|
| Product type | Fuse |
|--------------|------|

### Electrical properties

|                       |                              |
|-----------------------|------------------------------|
| Nominal current $I_N$ | 6.3 A                        |
| Fuse                  | G / 5 x 20 / 5 x 25 / 5 x 30 |

### 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                                  | V0          |
| 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   |
| 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 |
|----------|----------|

### 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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