

# ST-SI - Fuse plug



0920229

<https://www.phoenixcontact.com/au/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                            | BE1Z3X              |
| 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                  |

## 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 (RAL 9005) |
| 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-13.0 | 27250305 |
|-------------|----------|

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
|-------------------------------------|----------------------------|

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