

## Fuse plug - ST 1-SILA 500 - 0920342

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Fuse plug, nominal current: 10 A, length: 45.4 mm, width: 9.9 mm, color: black

The figure shows ST 1-SILA 250

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                                   |
| GTIN         | <br>4 017918 010201 |
| GTIN         | 4017918010201                                                                                           |

### Technical data

#### General

|                                        |       |
|----------------------------------------|-------|
| Color                                  | black |
| Insulating material                    | PA    |
| Flammability rating according to UL 94 | V2    |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 9.9 mm  |
| Length | 45.4 mm |

#### General

|                                                                         |                                                                                       |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Fuse                                                                    | G / 6,3 x 32                                                                          |
| Insulating material group                                               | CTI 600                                                                               |
| Nominal current $I_N$                                                   | 10 A                                                                                  |
| Nominal voltage $U_N$                                                   | 400 V (In the event of a defective fuse, the downstream circuit is not disconnected.) |
| Relative insulation material temperature index (Elec., UL 746 B)        | 130 °C                                                                                |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C                                                                                |
| Static insulating material application in cold                          | -60 °C                                                                                |
| Behavior in fire for rail vehicles (DIN 5510-2)                         | Test passed                                                                           |

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## Technical data

### General

|                                                         |             |
|---------------------------------------------------------|-------------|
| Flame test method (DIN EN 60695-11-10)                  | V0          |
| Oxygen index (DIN EN ISO 4589-2)                        | >32 %       |
| NF F16-101, NF F10-102 Class I                          | 2           |
| NF F16-101, NF F10-102 Class F                          | 2           |
| 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      |
| Calorimetric heat release NFPA 130 (ASTM E 1354)        | 28 MJ/kg    |
| 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 |

### Standards and Regulations

|                                                        |             |
|--------------------------------------------------------|-------------|
| Flammability rating according to UL 94                 | V2          |
| 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 |

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

|     |                                                                                     |                          |
|-----|-------------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.A*30.B.01742 |
|-----|-------------------------------------------------------------------------------------|--------------------------|

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