

Fuse modular terminal block - ST 4-FSI/C-LED 48 - 3035250

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Fuse terminal block with LED for mounting on NS 35, for miniature circuit breakers, terminal width: 8.2 mm, color: Black

Your advantages

- ✓ The ST 4-FSI/C fuse terminal block accommodates flat-type fuses according to ISO/DIS 8820/DIN 72581-3 or the TCP .../DC32V thermal miniature circuit breaker as the fuse element
- ✓ Versions with LED for indicating that a fuse has blown



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 046356 053594 |
| GTIN | 4046356053594 |

Technical data

General

| | |
|---|-------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 4 mm ² |
| Color | black |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Maximum power dissipation for nominal condition | 1.02 W |
| Fuse | C |
| Fuse type | Flat |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |

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Technical data

General

| | |
|---|---------------|
| Maximum current with single arrangement | 30 A |
| Voltage LED | 48 V DC |
| Current LED | 2 mA |
| Connection in acc. with standard | IEC 60947-7-3 |
| Maximum load current | 30 A |
| Nominal current I_N | 30 A |
| Nominal voltage U_N | 48 V |
| Open side panel | No |
| 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 |
| 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 |

Dimensions

| | |
|------------------|---------|
| Width | 8.2 mm |
| Length | 86.5 mm |
| Height NS 35/7,5 | 43.5 mm |
| Height NS 35/15 | 51 mm |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.08 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |

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Connection data

| | |
|---|------------------------|
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |
| Connection method | Spring-cage connection |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A4 |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | IEC 60947-7-3 |
| Flammability rating according to UL 94 | V0 |
| 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 |
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Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Approvals

Approvals

Approvals

EAC / RS

Ex Approvals

Approval details

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

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|----|---|---|--------------|
| RS |  | http://www.rs-head.spb.ru/en/index.php | 17.00013.272 |
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