

3209240

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Fuse plug, Suitable for terminal blocks with a width of 5.2 mm and above with TG zone, nom. voltage: 24 V, nominal current: 6.3 A, fuse type: G / 5 x 20, color: black

Your advantages

- Large-surface labeling option

Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3209240       |
| Packing unit                         | 10 pc         |
| Sales key                            | BE29          |
| Product key                          | BE2Z3X        |
| GTIN                                 | 4046356773478 |
| Weight per piece (including packing) | 5.33 g        |
| Weight per piece (excluding packing) | 4.836 g       |
| Customs tariff number                | 85369095      |
| Country of origin                    | CN            |

# P-FU 5X20 LED 24-5 120KOHM - Fuse plug



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## Technical data

### Notes

|         |                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------|
| General | Suitable for terminal blocks with a width of 5.2 mm and above with TG zone                          |
| General | Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block. |

### Product properties

|              |      |
|--------------|------|
| Product type | Fuse |
| Potentials   | 1    |

### Insulation characteristics

|                     |   |
|---------------------|---|
| Degree of pollution | 3 |
|---------------------|---|

### Electrical properties

|                   |                     |
|-------------------|---------------------|
| Fuse              | G / 5 x 20          |
| LED voltage range | 12 V DC ... 30 V DC |
| LED current range | 0.35 mA ... 0.95 mA |

### Input data

|                   |                     |
|-------------------|---------------------|
| LED voltage range | 12 V DC ... 30 V DC |
|-------------------|---------------------|

### Connection data

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Nominal current      | 6.3 A (the current is determined by the fuse used)                                                  |
| Maximum load current | 6.3 A (the current is determined by the fuse used)                                                  |
| Nominal voltage      | 24 V (The current is determined by the fuse used, the voltage by the fuse or selected LED display.) |

### Material specifications

|                                                                         |             |
|-------------------------------------------------------------------------|-------------|
| Color                                                                   | black       |
| Flammability rating according to UL 94                                  | V0          |
| 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      |

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## 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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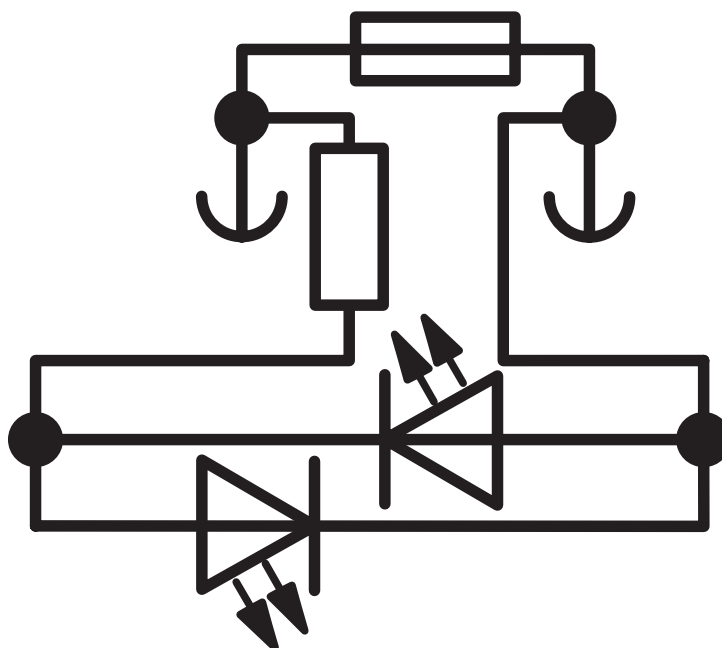
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## Drawings

Circuit diagram



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## Approvals

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|                                                                                   |                      |                       |                       |                               |
|-----------------------------------------------------------------------------------|----------------------|-----------------------|-----------------------|-------------------------------|
|  | CSA                  |                       |                       |                               |
|                                                                                   | Approval ID: 2030668 |                       |                       |                               |
|                                                                                   |                      | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG             |
|                                                                                   |                      | 300 V                 | 10 A                  | -                             |
|                                                                                   |                      |                       |                       | Cross section mm <sup>2</sup> |
|                                                                                   |                      |                       |                       | -                             |

|                                                                                   |                                   |
|-----------------------------------------------------------------------------------|-----------------------------------|
|  | EAC                               |
|                                                                                   | Approval ID: RU C-DE.BL08.B.00714 |

|                                                                                   |                     |
|-----------------------------------------------------------------------------------|---------------------|
|  | cULus Recognized    |
|                                                                                   | Approval ID: E60425 |

|                                                                                     |                     |
|-------------------------------------------------------------------------------------|---------------------|
|  | cULus Recognized    |
|                                                                                     | Approval ID: E60425 |

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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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