

Fuse plug - P-FU 5X20 LED 24-5

3209248

<https://www.phoenixcontact.com/de/produkte/3209248>



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Fuse plug, Suitable for terminal blocks with a width of 5.2 mm and above with TG zone, nom. voltage: 250 V, nominal current: 6.3 A, connection method: Plug-in connection, fuse type: G / 5 x 20, mounting type: Plug-in mounting, color: black

Your advantages

- Large-surface labeling option
- Test contacts on both sides of the fuse
- Versions with bipolar error display
- Can be used for overload/short-circuit protection

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Commercial Data

| | |
|--------------------------------------|---------------------|
| Item number | 3209248 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales Key | A1 - Reihenklennen |
| Product Key | BE2Z3X |
| Catalog Page | Page 414 (C-1-2019) |
| GTIN | 4046356548342 |
| Weight per Piece (including packing) | 5,38 g |
| Weight per Piece (excluding packing) | 4,811 g |
| Customs tariff number | 85369095 |
| Country of origin | CN |

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Technical Data

Notes

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

Product properties

| | |
|--------------|--------|
| Product type | Fuse |
| Pitch | 5.2 mm |
| Potentials | 1 |

Insulation characteristics

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

Electrical properties

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

Input data

| | |
|-------------------|---------------------------|
| LED voltage range | 12 V AC/DC ... 30 V AC/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 | 250 V (The current is determined by the fuse used, the voltage by the fuse or selected LED display.) |

Dimensions

| | |
|--------|---------|
| Width | 6.2 mm |
| Height | 57.7 mm |
| Length | 25 mm |
| Pitch | 5.2 mm |

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 |

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| | |
|---|-------------|
| 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 % |

Mounting

| | |
|---------------|------------------|
| Mounting type | Plug-in mounting |
|---------------|------------------|

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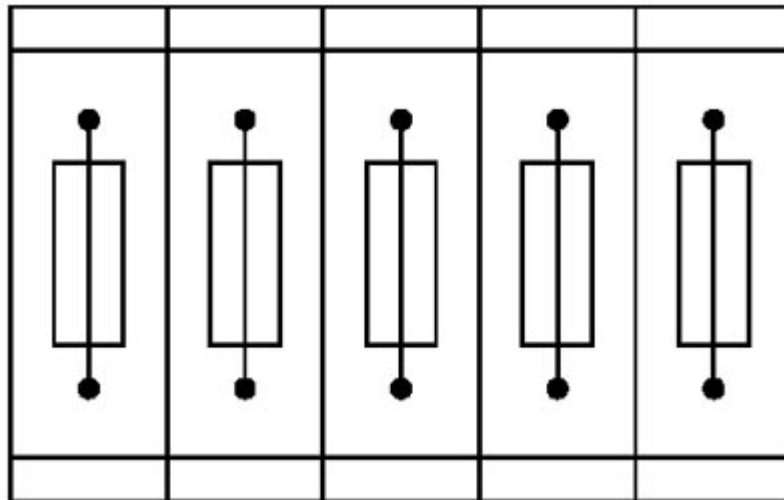
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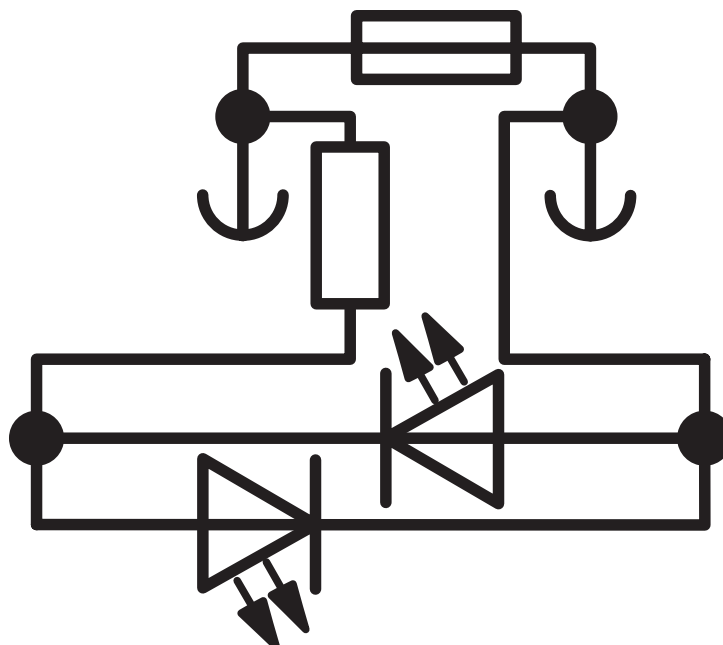
Drawings

Application drawing



Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks

Circuit diagram



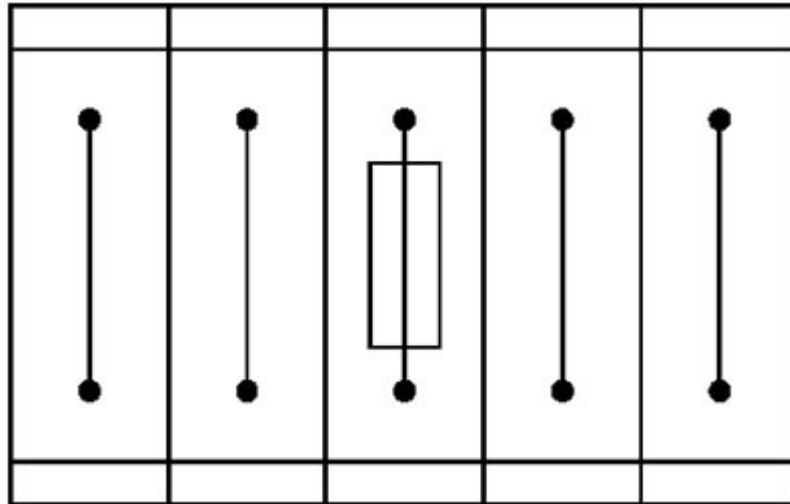
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Application drawing



Fuse terminal block in single arrangement,
block consisting of one fuse terminal block and 4 feed-through terminal blocks

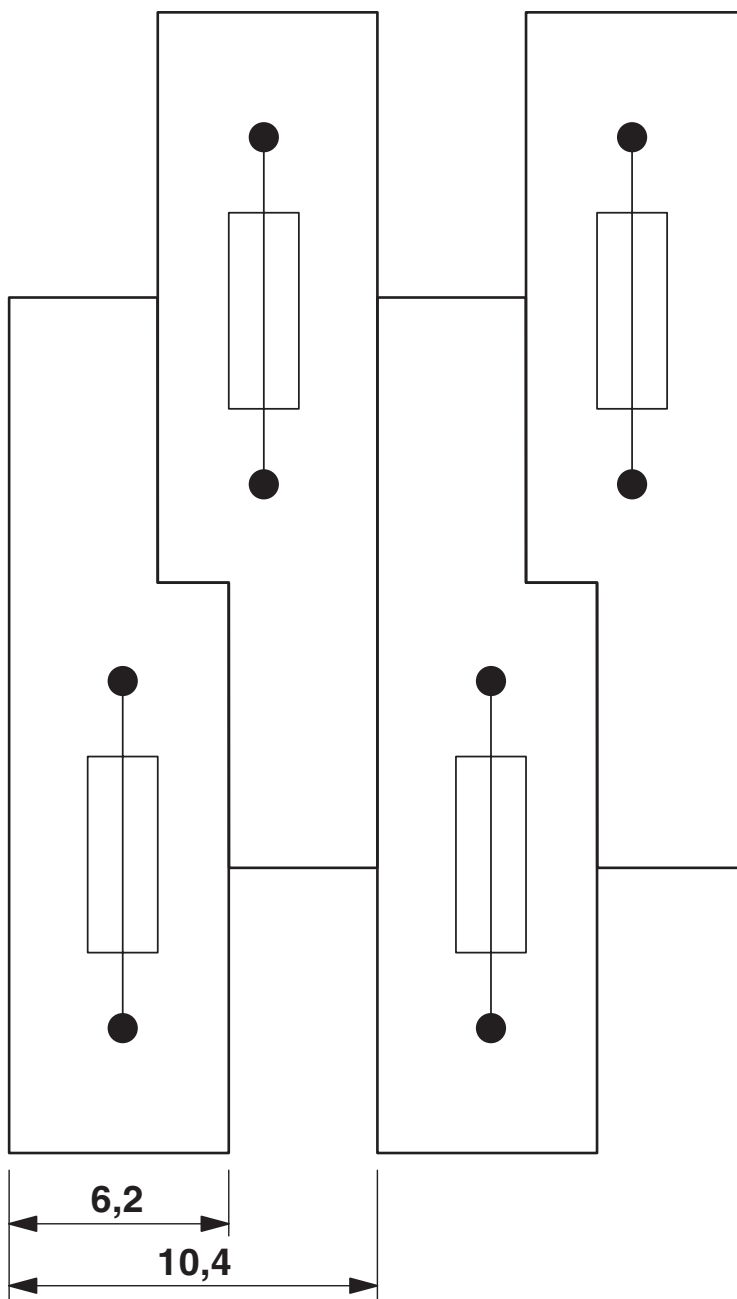
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Application drawing




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Approvals

|  CSA | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal Voltage U_N | Nominal Current I_N | Cross Section AWG | Cross Section mm^2 |
| | 300 V | 10 A | - | - |

|  EAC | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

|  cULus Recognized | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal Voltage U_N | Nominal Current I_N | Cross Section AWG | Cross Section mm^2 |
| | | 10 A | - | - |

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Classifications

ECLASS

| | |
|---------------|----------|
| ECLASS-9.0 | 27142001 |
| ECLASS-10.0.1 | 27142001 |
| ECLASS-11.0 | 27141149 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC002018 |
|----------|----------|

UNSPSC

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|-------------|----------|
| UNSPSC 21.0 | 39121600 |
|-------------|----------|

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Environmental Product Compliance

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

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