

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



3036820

<https://www.phoenixcontact.com/us/products/3036820>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Fuse plug, nom. voltage: 24 V, nominal current: 6.3 A, fuse type: G / 5 x 20, color: black



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3036820 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BE29 |
| Product key | BE2Z3X |
| GTIN | 4046356770699 |
| Weight per piece (including packing) | 4.17 g |
| Weight per piece (excluding packing) | 4.1 g |
| Customs tariff number | 85369095 |
| Country of origin | PL |

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



3036820

<https://www.phoenixcontact.com/us/products/3036820>

Technical data

Notes

| | |
|--------------------|---|
| Notes on operation | 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 | 0.31 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 voltage is determined by the fuse or selected LED display) |

Material specifications

| | |
|--|------------------|
| Color | black (RAL 9005) |
| Flammability rating according to UL 94 | V0 |
| Insulating material | PA |
| Static insulating material application in cold | -60 °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 |
| 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 ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
|---------------------------------|--|

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



3036820

<https://www.phoenixcontact.com/us/products/3036820>

| | |
|--|---|
| 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 (operation) | 20 % ... 90 % |
| Permissible humidity (storage/transport) | 30 % ... 70 % |

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

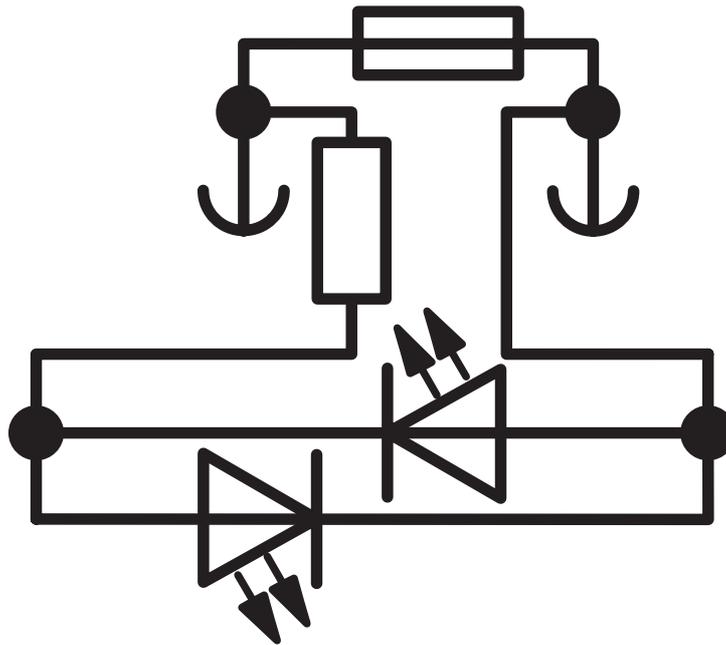
3036820

<https://www.phoenixcontact.com/us/products/3036820>



Drawings

Circuit diagram



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



3036820

<https://www.phoenixcontact.com/us/products/3036820>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3036820>

|  CSA Approval ID: 2030668 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 300 V | 10 A | - | - |

|  UL Recognized Approval ID: FILE E 60425 | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 24 V | 10 A | - | - |

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

|  cULus Recognized Approval ID: E60425 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 300 V | 10 A | - | - |

|  CSA Approval ID: 2030668 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 300 V | 10 A | - | - |

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



3036820

<https://www.phoenixcontact.com/us/products/3036820>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250305 |
| ECLASS-15.0 | 27250305 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002018 |
|----------|----------|

UNSPSC

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

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



3036820

<https://www.phoenixcontact.com/us/products/3036820>

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

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com