

USEN 18 N - Fuse modular terminal block



3048360

<https://www.phoenixcontact.com/us/products/3048360>

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 modular terminal block, fuse type: Screw cartridge, fuse type: D 02 / E 18, nom. voltage: 400 V, nominal current: 63 A, connection method: Screw connection, Rated cross section: 35 mm², cross section: 1.5 mm²- 35 mm², mounting type: NS 35/7,5, NS 35/15, color: light gray

Your advantages

- The NEOZED[®] system features an impressive high current carrying capacity
- These fuse terminal blocks are designed for NEOZED[®] fuses

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 3048360 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BE12 |
| Product key | BE1235 |
| Catalog page | Page 468 (C-1-2017) |
| GTIN | 4017918976279 |
| Weight per piece (including packing) | 116.11 g |
| Weight per piece (excluding packing) | 115.93 g |
| Customs tariff number | 85363030 |
| Country of origin | DE |

USEN 18 N - Fuse modular terminal block



3048360

<https://www.phoenixcontact.com/us/products/3048360>

Technical data

Notes

| | |
|---------|-----------------------|
| General | for NEOZED fuse-links |
|---------|-----------------------|

Product properties

| | |
|-----------------------|---------------------|
| Product type | Fuse terminal block |
| Pitch | 27 mm |
| Number of connections | 2 |
| Number of rows | 1 |
| Potentials | 1 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 2 |

Electrical properties

| | |
|---|-----------------|
| Fuse type | Screw cartridge |
| Rated surge voltage | 6 kV |
| Maximum power dissipation for nominal condition | 4.06 W |
| Fuse | D 02 / E 18 |

Connection data

| | |
|---------------------------------|--------------------|
| Number of connections per level | 2 |
| Nominal cross section | 35 mm ² |

Level 1

| | |
|---|--|
| Screw thread | M6 |
| Tightening torque | 3.5 ... 4 Nm |
| Stripping length | 19 mm |
| Internal cylindrical gage | B8 |
| Conductor cross section rigid | 1.5 mm ² ... 35 mm ² |
| Cross section AWG | 14 ... 2 (converted acc. to IEC) |
| Conductor cross section flexible | 1.5 mm ² ... 35 mm ² |
| Conductor cross section, flexible [AWG] | 14 ... 2 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 1.5 mm ² ... 25 mm ² |
| Flexible conductor cross section (ferrule with plastic sleeve) | 1.5 mm ² ... 25 mm ² |
| Cross-section with insertion bridge, rigid | 25 mm ² |
| Cross-section with insertion bridge, flexible | 25 mm ² |
| 2 conductors with same cross section, solid | 1.5 mm ² ... 10 mm ² |
| 2 conductors with same cross section, flexible | 1.5 mm ² ... 10 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 1.5 mm ² ... 10 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 1.5 mm ² ... 10 mm ² |

USEN 18 N - Fuse modular terminal block



3048360

<https://www.phoenixcontact.com/us/products/3048360>

| | |
|-----------------------|--|
| Nominal current | 63 A (the current is determined by the fuse used) |
| Maximum load current | 63 A (with 35 mm ² conductor cross section) |
| Nominal voltage | 400 V (the voltage is determined by the fuse used) |
| Nominal cross section | 35 mm ² |

Dimensions

| | |
|--------------------|---------|
| Width | 27 mm |
| Height | 84 mm |
| Depth on NS 35/7,5 | 75 mm |
| Depth on NS 35/15 | 82.5 mm |
| Pitch | 27 mm |

Material specifications

| | |
|--|------------|
| Color | light gray |
| Flammability rating according to UL 94 | V2 |
| Insulating material group | IIIa |
| Relative insulation material temperature index (Elec., UL 746 B) | 125 °C |

Mechanical properties

Mechanical data

| | |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

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.) |
| 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 % |

Mounting

| | |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
| | NS 35/15 |

USEN 18 N - Fuse modular terminal block

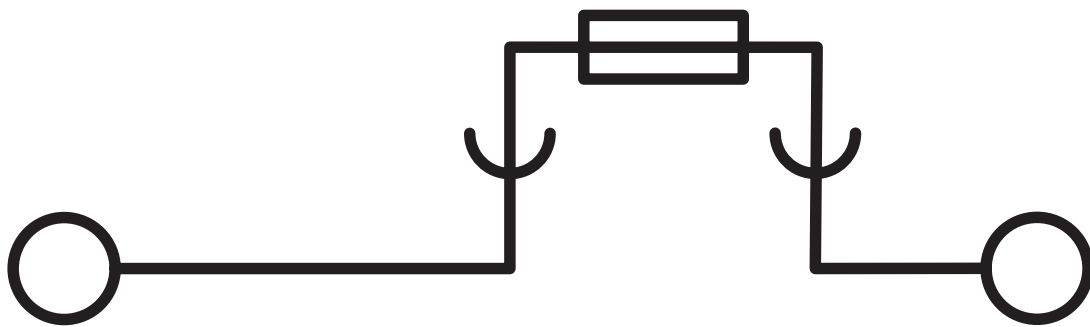
3048360

<https://www.phoenixcontact.com/us/products/3048360>



Drawings

Circuit diagram



USEN 18 N - Fuse modular terminal block



3048360

<https://www.phoenixcontact.com/us/products/3048360>

Approvals

💡 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3048360>



EAC

Approval ID: RU C-DE.BL08.B.00534



RS

Approval ID: 22.44.01.00083.250

USEN 18 N - Fuse modular terminal block



3048360

<https://www.phoenixcontact.com/us/products/3048360>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141116 |
| ECLASS-12.0 | 27141116 |
| ECLASS-13.0 | 27250113 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000899 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

USEN 18 N - Fuse modular terminal block



3048360
<https://www.phoenixcontact.com/us/products/3048360>

Environmental product compliance

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

Phoenix Contact 2024 © - 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