

## Fuse modular terminal block - USEN 18 N - 3048360

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Fuse terminal blocks for NEOZED fuse inserts

### Product Features

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



### Key commercial data

|                                      |            |
|--------------------------------------|------------|
| Packing unit                         | 1 pc       |
| Minimum order quantity               | 10 pc      |
| Weight per Piece (excluding packing) | 115.93 GRM |
| Custom tariff number                 | 85363030   |
| Country of origin                    | Germany    |

### Technical data

#### General

|   |                 |
|---|-----------------|
| Number of levels                        | 1               |
| Number of connections                   | 2               |
| Color                                   | light gray      |
| Insulating material                     | Duroplast       |
| Inflammability class according to UL 94 | V0              |
| Fuse                                    | D 02 / E 18     |
| Fuse type                               | Screw cartridge |
| Rated surge voltage                     | 6 kV            |
| Pollution degree                        | 2               |
| Surge voltage category                  | III             |
| Insulating material group               | IIIa            |

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### Technical data

#### General

|   |  |
|---|--|
| Maximum load current (lower level)                                    | 63 A   |
| Additional text   | with 35 mm <sup>2</sup> conductor cross section    |
| Nominal current I <sub>N</sub> (lower level)                          | 63 A (the current is determined by the fuse used)  |
| Nominal voltage U <sub>N</sub>  | 400 V (the voltage is determined by the fuse used) |
| Open side panel   | nein   |
| Shock protection test specification                                   | DIN EN 50274 (VDE 0660-514):2002-11                |
| Back of the hand protection   | guaranteed   |
| Finger protection   | guaranteed   |
| Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21)) | 165 °C   |

#### Dimensions

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

#### Connection data

|   |                     |
|---|---------------------|
| Conductor cross section solid min.  | 1.5 mm <sup>2</sup> |
| Conductor cross section solid max.  | 35 mm <sup>2</sup>  |
| Conductor cross section stranded min.   | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded max.   | 35 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.  | 16                  |
| Conductor cross section AWG/kcmil max   | 2                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 25 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 25 mm <sup>2</sup>  |
| Cross section with insertion bridge, solid max.   | 25 mm <sup>2</sup>  |
| Cross section with insertion bridge, stranded max.                                      | 25 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.  | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.  | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm <sup>2</sup> |

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### Technical data

#### Connection data

|   |                    |
|---|--------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm <sup>2</sup> |
| Cross section with insertion bridge, solid max.   | 25 mm <sup>2</sup> |
| Cross section with insertion bridge, stranded max.                                      | 25 mm <sup>2</sup> |
| Connection method   | Screw connection   |
| Stripping length  | 19 mm              |
| Internal cylindrical gage   | B8                 |
| Screw thread  | M6                 |
| Tightening torque, min  | 3.5 Nm             |
| Tightening torque max   | 4 Nm               |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141116 |
| eCl@ss 4.1 | 27141116 |
| eCl@ss 5.0 | 27141116 |
| eCl@ss 5.1 | 27141116 |
| eCl@ss 6.0 | 27141116 |
| eCl@ss 7.0 | 27141116 |
| eCl@ss 8.0 | 27141116 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000899 |
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | EC000899 |
| ETIM 5.0 | EC000899 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211812 |
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11     | 39121411 |
| UNSPSC 12.01  | 39121411 |
| UNSPSC 13.2   | 39121411 |

### Approvals

#### Approvals

## Fuse modular terminal block - USEN 18 N - 3048360

### Approvals

Approvals

GL / RS

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Ex Approvals

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Approvals submitted

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### Approval details

GL

RS

### Accessories

Accessories

Fuse

Fuse insert - S 2 A/380 V - 0913016



Fuse insert, Nominal current: 2 A, Length: 10 mm, Width: 10 mm, Color: pink

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Fuse insert - S 4 A/380 V - 0913029



Fuse insert, Nominal current: 4 A, Length: 10 mm, Width: 10 mm, Color: brown

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## Fuse modular terminal block - USEN 18 N - 3048360

### Accessories

Fuse insert - S 6 A/380 V - 0913032



Fuse insert, Nominal current: 6 A, Length: 10 mm, Width: 10 mm, Color: green

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Fuse insert - S 10 A/380 V - 0913045



Fuse insert, Nominal current: 10 A, Length: 10 mm, Width: 10 mm, Color: red

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Fuse insert - S 16 A/380 V - 0913058



Fuse insert, Nominal current: 16 A, Length: 10 mm, Width: 10 mm, Color: gray

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Fuse insert - S 20 A/380 V - 0913061



Fuse insert, Nominal current: 20 A, Length: 10 mm, Width: 10 mm, Color: blue

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Fuse insert - S 25 A/380 V - 0913074



Fuse insert, Nominal current: 25 A, Length: 10 mm, Width: 10 mm, Color: yellow

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## Fuse modular terminal block - USEN 18 N - 3048360

### Accessories

Fuse insert - S 35 A/380 V - 0913087



Fuse insert, Nominal current: 35 A, Length: 10 mm, Width: 10 mm, Color: black

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Fuse insert - S 50 A/380 V - 0913090



Fuse insert, Nominal current: 50 A, Length: 10 mm, Width: 10 mm, Color: white

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Fuse insert - S 63 A/380 V - 0913100



Fuse insert, Nominal current: 63 A, Length: 10 mm, Width: 10 mm, Color: copper-colored

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### Insertion bridge

Insertion bridge - EB 36-27 - 3009341



Insertion bridge, Number of positions: 36, Color: gray

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Insertion bridge - EB 36-27/L1-L2-L3 - 3009354



Insertion bridge, Number of positions: 36, Color: gray

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## Fuse modular terminal block - USEN 18 N - 3048360

### Accessories

#### Marker carriers

Marker carriers - MA 20X 8 BK - 0814270



Marker carrier, for SS-ZB contactor marking Zack marker strip

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#### Mounting material

Adapter sleeve - HS 2 A - 0913210



Adapter sleeve, Nominal current: 2 A, Color: pink

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Adapter sleeve - HS 4 A - 0913223



Adapter sleeve, Nominal current: 4 A, Color: brown

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Adapter sleeve - HS 6 A - 0913236



Adapter sleeve, Nominal current: 6 A, Color: green

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Adapter sleeve - HS 10 A - 0913249



Adapter sleeve, Nominal current: 10 A, Color: red

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### Accessories

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Adapter sleeve - HS 16 A - 0913252



Adapter sleeve, Nominal current: 16 A, Color: gray

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Adapter sleeve - HS 20 A - 0913155



Adapter sleeve, Nominal current: 20 A, Color: blue

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Adapter sleeve - HS 25 A - 0913168

Adapter sleeve, Nominal current: 25 A, Color: yellow

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Adapter sleeve - HS 35 A - 0913171



Adapter sleeve, Nominal current: 35 A, Color: black

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Adapter sleeve - HS 50 A - 0913184



Adapter sleeve, Nominal current: 50 A, Color: white

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## Fuse modular terminal block - USEN 18 N - 3048360

### Accessories

Mounting material - SH-SE 14/18 - 0913317



NEOZED special spring, for using fuse inserts D 01, in threaded caps D 02, for 2 A ... 16 A

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### Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

## Fuse modular terminal block - USEN 18 N - 3048360

### Accessories

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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Screwdriver tools

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### Accessories

Screwdriver - SZF 3-1,0X5,5 - 1206612



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

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### Drawings

Circuit diagram



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