

# USEN 18 N

Order No.: 3048360



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3048360>

Fuse terminal blocks for NEOZED fuse inserts

## Commercial data

|                          |                    |
|--------------------------|--------------------|
| GTIN (EAN)               | 4 017918 976279    |
| sales group              | A041               |
| Pack                     | 10 pcs.            |
| Customs tariff           | 85363030           |
| Catalog page information | Page 378 (CL-2009) |

## Product notes

WEEE/RoHS-compliant since:  
12/01/2005



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## Technical data

### General

|                                    |            |
|------------------------------------|------------|
| Number of levels                   | 1          |
| Number of connections              | 2          |
| Color                              | light gray |
| Insulating material                | Duroplast  |
| Inflammability class acc. to UL 94 | V0         |

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 27 mm   |
| Length           | 84 mm   |
| Height NS 35/7.5 | 75 mm   |
| Height NS 35/15  | 82.5 mm |

**Technical data**

|                           |                                                    |
|---------------------------|----------------------------------------------------|
| 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                                               |
| Nominal current $I_N$     | 63 A (the current is determined by the fuse used)  |
| Nominal voltage $U_N$     | 400 V (the voltage is determined by the fuse used) |

**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>  |
| 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> |
| 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>  |
| Type of connection                                                                      | Screw connection    |
| Stripping length                                                                        | 19 mm               |
| Internal cylindrical gage                                                               | B8                  |
| Screw thread                                                                            | M6                  |
| Tightening torque, min                                                                  | 3.5 Nm              |
| Tightening torque max                                                                   | 4 Nm                |

#### Certificates / Approvals



Certification

GL

#### Accessories

| Item            | Designation | Description                                                                                 |
|-----------------|-------------|---------------------------------------------------------------------------------------------|
| <b>Assembly</b> |             |                                                                                             |
| 0913210         | HS 2 A      | Adapter sleeve, Nominal current: 2 A, Color: Pink                                           |
| 0913223         | HS 4 A      | Adapter sleeve, Nominal current: 4 A, Color: brown                                          |
| 0913236         | HS 6 A      | Adapter sleeve, Nominal current: 6 A, Color: green                                          |
| 0913249         | HS 10 A     | Adapter sleeve, Nominal current: 10 A, Color: red                                           |
| 0913252         | HS 16 A     | Adapter sleeve, Nominal current: 16 A, Color: gray                                          |
| 0913155         | HS 20 A     | Adapter sleeve, Nominal current: 20 A, Color: blue                                          |
| 0913168         | HS 25 A     | Adapter sleeve, Nominal current: 25 A, Color: yellow                                        |
| 0913171         | HS 35 A     | Adapter sleeve, Nominal current: 35 A, Color: black                                         |
| 0913184         | HS 50 A     | Adapter sleeve, Nominal current: 50 A, Color: white                                         |
| 0913317         | SH-SE 14/18 | NEOZED special spring, for using fuse inserts D 01, in threaded caps D 02, for 2 A ... 16 A |

### Bridges

|         |                   |                                                        |
|---------|-------------------|--------------------------------------------------------|
| 3009341 | EB 36-27          | Insertion bridge, Number of positions: 36, Color: gray |
| 3009354 | EB 36-27/L1-L2-L3 | Insertion bridge, Number of positions: 36, Color: gray |

### Fuse

|         |              |                                                   |
|---------|--------------|---------------------------------------------------|
| 0913016 | S 2 A/380 V  | Fuse insert, Nominal current: 2 A, Color: Pink    |
| 0913029 | S 4 A/380 V  | Fuse insert, Nominal current: 4 A, Color: brown   |
| 0913032 | S 6 A/380 V  | Fuse insert, Nominal current: 6 A, Color: green   |
| 0913045 | S 10 A/380 V | Fuse insert, Nominal current: 10 A, Color: red    |
| 0913058 | S 16 A/380 V | Fuse insert, Nominal current: 16 A, Color: gray   |
| 0913061 | S 20 A/380 V | Fuse insert, Nominal current: 20 A, Color: blue   |
| 0913074 | S 25 A/380 V | Fuse insert, Nominal current: 25 A, Color: yellow |
| 0913087 | S 35 A/380 V | Fuse insert, Nominal current: 35 A, Color: black  |
| 0913090 | S 50 A/380 V | Fuse insert, Nominal current: 50 A, Color: white  |
| 0913100 | S 63 A/380 V | Fuse insert, Nominal current: 63 A, Color: copper |

### General

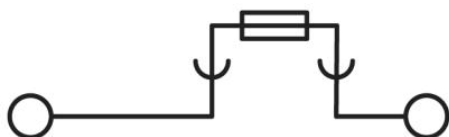
|         |             |                                                               |
|---------|-------------|---------------------------------------------------------------|
| 0814270 | MA 20X 8 BK | Marker carrier, for SS-ZB contactor marking Zack marker strip |
|---------|-------------|---------------------------------------------------------------|

### Tools

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

### Diagrams/Drawings

Circuit diagram



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