

Fuse modular terminal block - USEN 18 N - 3048360

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Fuse terminal blocks for NEOZED fuse inserts

Your advantages

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

RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 976279
GTIN	4017918976279

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	35 mm ²
Color	light gray
Insulating material	Duroplast
Flammability rating according to UL 94	V0
Maximum power dissipation for nominal condition	4.06 W
Fuse	D 02 / E 18
Fuse type	Screw cartridge
Rated surge voltage	6 kV
Degree of pollution	2
Overvoltage category	III
Insulating material group	IIIa
Maximum load current	63 A (with 35 mm ² conductor cross section)

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Technical data

General

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)
Open side panel	No
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	165 °C

Dimensions

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

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Connection data

Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	35 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	25 mm ²
Cross section with insertion bridge, solid max.	25 mm ²
Cross section with insertion bridge, stranded max.	25 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	1.5 mm ²

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Connection data

Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	10 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	1.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	10 mm ²
Cross section with insertion bridge, solid max.	25 mm ²
Cross section with insertion bridge, stranded max.	25 mm ²
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

Standards and Regulations

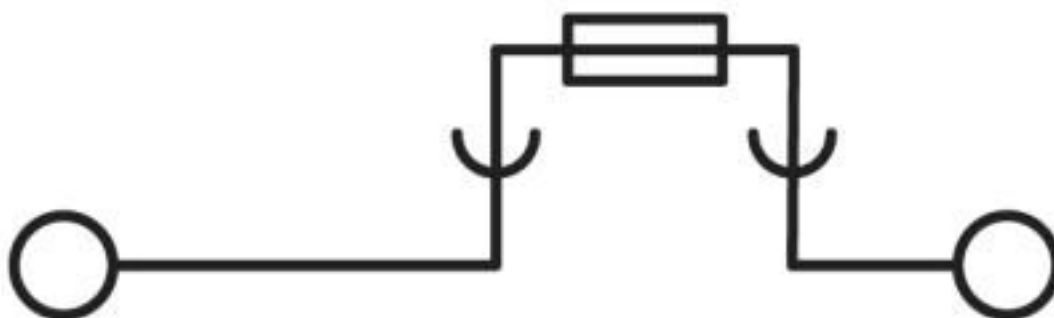
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27141116
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100

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Classifications

eCl@ss

eCl@ss 7.0	27141116
eCl@ss 8.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899
ETIM 6.0	EC000899
ETIM 7.0	EC000899

UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

Approvals

Approvals

EAC / RS / EAC

Ex Approvals

Approval details

EAC		EAC-Zulassung
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Approvals

RS		http://www.rs-head.spb.ru/en/index.php	17.00013.272
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EAC			RU C- DE.BL08.B.00534
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Accessories

Accessories

DIN rail

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



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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Accessories

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

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



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

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



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

End block

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Accessories

End clamp - E/UK - 1201442



End clamp, width: 9.5 mm, height: 35.3 mm, material: PA, length: 50.5 mm, Mounting on a DIN rail NS 32 or NS 35, color: gray

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

Fuse

Fuse insert - S 2 A/380 V - 0913016



Fuse insert, nominal current: 2 A, length: 36 mm, diameter: 11 mm, color: pink

Fuse insert - S 4 A/380 V - 0913029



Fuse insert, nominal current: 4 A, length: 36 mm, diameter: 11 mm, color: brown

Fuse insert - S 6 A/380 V - 0913032



Fuse insert, nominal current: 6 A, length: 36 mm, diameter: 11 mm, color: green

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Accessories

Fuse insert - S 10 A/380 V - 0913045



Fuse insert, nominal current: 10 A, length: 36 mm, diameter: 11 mm, color: red

Fuse insert - S 16 A/380 V - 0913058



Fuse insert, nominal current: 16 A, length: 36 mm, diameter: 11 mm, color: gray

Fuse insert - S 20 A/380 V - 0913061



Fuse insert, nominal current: 20 A, length: 36 mm, diameter: 15 mm, color: blue

Fuse insert - S 25 A/380 V - 0913074



Fuse insert, nominal current: 25 A, length: 36 mm, diameter: 15 mm, color: yellow

Fuse insert - S 35 A/380 V - 0913087



Fuse insert, nominal current: 35 A, length: 36 mm, diameter: 15 mm, color: black

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Accessories

Fuse insert - S 50 A/380 V - 0913090



Fuse insert, nominal current: 50 A, length: 36 mm, diameter: 15 mm, color: white

Fuse insert - S 63 A/380 V - 0913100



Fuse insert, nominal current: 63 A, length: 36 mm, diameter: 15 mm, color: copper-colored

Insertion bridge

Insertion bridge - EB 36-27 - 3009341



Insertion bridge, pitch: 27 mm, number of positions: 36, color: gray

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



Insertion bridge, pitch: 27 mm, number of positions: 36, color: gray

Marker carriers

Marker carriers - MA 20X 8 BK - 0814270



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

Mounting material

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Accessories

Adapter sleeve - HS 2 A - 0913210



Adapter sleeve, nominal current: 2 A, color: pink

Adapter sleeve - HS 4 A - 0913223



Adapter sleeve, nominal current: 4 A, color: brown

Adapter sleeve - HS 6 A - 0913236



Adapter sleeve, nominal current: 6 A, color: green

Adapter sleeve - HS 10 A - 0913249



Adapter sleeve, nominal current: 10 A, color: red

Adapter sleeve - HS 16 A - 0913252



Adapter sleeve, nominal current: 16 A, color: gray

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Accessories

Adapter sleeve - HS 20 A - 0913155



Adapter sleeve, nominal current: 20 A, color: blue

Adapter sleeve - HS 25 A - 0913168



Adapter sleeve, nominal current: 25 A, sleeve length: 10.5 mm, length: 10.5 mm, diameter: 16.5 mm, color: yellow

Adapter sleeve - HS 35 A - 0913171



Adapter sleeve, nominal current: 35 A, color: black

Adapter sleeve - HS 50 A - 0913184



Adapter sleeve, nominal current: 50 A, color: white

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

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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