

USEN 18 N - Fuse modular terminal block



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

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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	BE1235
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

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Technical data

Notes

Note on application	for NEOZED fuse-links
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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

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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	beige (RAL 7032)
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
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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

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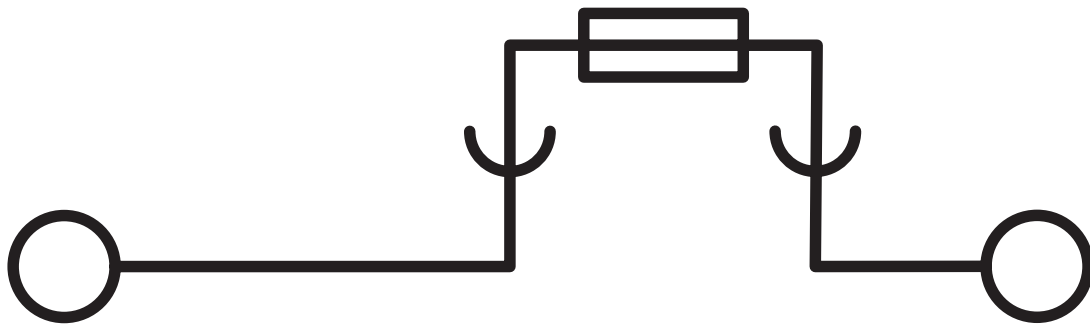


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Drawings

Circuit diagram



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Classifications

ECLASS

ECLASS-13.0	27250113
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ETIM

ETIM 9.0	EC000899
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UNSPSC

UNSPSC 21.0	39121400
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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%

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