USEN 18 N - Fuse modular terminal block

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 mm^2, cross section: 1.5 mm^2- 35 mm^2, 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
GTIN	4017918976279
Weight per piece (including packing)	122.8 g
Weight per piece (excluding packing)	115.93 g
Customs tariff number	85363030
Country of origin	DE

Technical data

Notes

Order information:	Fuse-link not supplied as standard
Note on application	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 mm²

Level 1

Connection method	Screw connection
Screw thread	M6
Tightening torque	3.5 ... 4 Nm
Stripping length	19 mm
Internal cylindrical gage	B8
Conductor cross-section rigid	1.5 mm² ... 35 mm²
Cross section AWG	14 ... 2 (converted acc. to IEC)
Conductor cross-section flexible	1.5 mm² ... 35 mm²
Conductor cross-section, flexible [AWG]	14 ... 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm² ... 25 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	1.5 mm² ... 25 mm²
Cross-section with insertion bridge, rigid	25 mm²
Cross-section with insertion bridge, flexible	25 mm²
2 conductors with same cross section, rigid	1.5 mm² ... 10 mm²
2 conductors with same cross section, flexible	1.5 mm² ... 10 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	1.5 mm² ... 10 mm²

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm² ... 10 mm²
Nominal cross section	35 mm²
Nominal current	63 A (the current is determined by the fuse used)
Maximum load current	63 A (with 35 mm² conductor cross-section)
Nominal voltage	400 V (the voltage is determined by the fuse used)

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

Environmental and real-life conditions

Ambient conditions

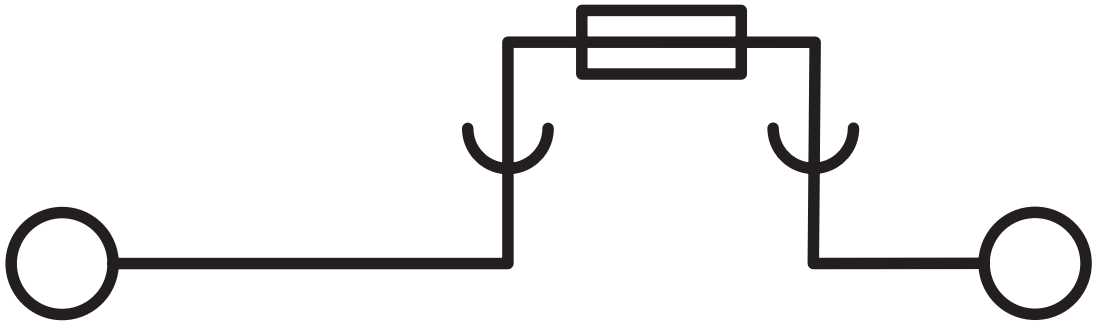
Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-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

Drawings

Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

ETIM

ETIM 10.0	EC000899

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	0.729 kg CO2e

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