

USED 27 N - Fuse modular terminal block



3048373

<https://www.phoenixcontact.com/us/products/3048373>

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Fuse modular terminal block, fuse type: Screw cartridge, fuse type: D II / E 27, nom. voltage: 500 V, nominal current: 25 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

- Original DIAZED[®]-E 27 threads are used in closed housing
- The major advantage of the DIAZED[®] system is its dielectric strength of up to 500 V
- Conductor cross sections of up to 35 mm² can be connected with the user-friendly spring-cage connection
- This fuse terminal block accommodates DIAZED[®] fuses

Commercial data

Item number	3048373
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BE12
Product key	BE1235
Catalog page	Page 469 (C-1-2017)
GTIN	4017918976286
Weight per piece (including packing)	143 g
Weight per piece (excluding packing)	139.05 g
Customs tariff number	85363030
Country of origin	DE

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Technical data

Notes

Note on application	for DIAZED fuse-links
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Product properties

Product type	Fuse terminal block
Pitch	40 mm
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Screw cartridge
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	4.06 W
Fuse	D II / E 27

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	25 A (the current is determined by the fuse used)
Maximum load current	25 A (with 35 mm ² conductor cross section)
Nominal voltage	500 V (the voltage is determined by the fuse used)
Nominal cross section	35 mm ²

Dimensions

Width	40 mm
Height	80 mm
Depth on NS 35/7,5	62.5 mm
Depth on NS 35/15	70 mm
Pitch	40 mm

Material specifications

Color	light gray
Flammability rating according to UL 94	V2
Insulating material group	IIIb
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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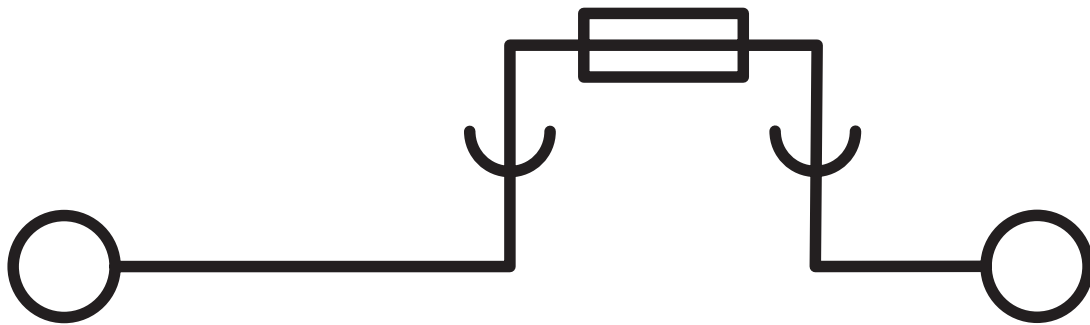
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Drawings

Circuit diagram



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Approvals

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EAC

Approval ID: RU C-DE.BL08.B.00534

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Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

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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Accessories

S-II- 4 A/500 V - Fuse insert

0913618

<https://www.phoenixcontact.com/us/products/0913618>



Fuse insert, nom. voltage: 500 V, nominal current: 4 A, diameter: 22 mm, color: brown

S-II- 6 A/500 V - Fuse insert

0913621

<https://www.phoenixcontact.com/us/products/0913621>



Fuse insert, nom. voltage: 500 V, nominal current: 6 A, diameter: 22 mm, color: green

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S-II-10 A/500 V - Fuse insert

0913634

<https://www.phoenixcontact.com/us/products/0913634>



Fuse insert, nom. voltage: 500 V, nominal current: 10 A, diameter: 22 mm, color: red

S-II-16 A/500 V - Fuse insert

0913647

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Fuse insert, nom. voltage: 500 V, nominal current: 16 A, diameter: 22 mm, color: gray

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S-II-20 A/500 V - Fuse insert

0913650

<https://www.phoenixcontact.com/us/products/0913650>



Fuse insert, nom. voltage: 500 V, nominal current: 20 A, diameter: 22 mm, color: blue

S-II-25 A/500 V - Fuse insert

0913663

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Fuse insert, nom. voltage: 500 V, nominal current: 25 A, diameter: 22 mm, color: yellow

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MA 20X 8 BK - Marker carriers

0814270

<https://www.phoenixcontact.com/us/products/0814270>



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

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

0801733

<https://www.phoenixcontact.com/us/products/0801733>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

0801681

<https://www.phoenixcontact.com/us/products/0801681>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

1204119

<https://www.phoenixcontact.com/us/products/1204119>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

<https://www.phoenixcontact.com/us/products/1204122>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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

0801704

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DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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

1206421

<https://www.phoenixcontact.com/us/products/1206421>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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

1206434

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DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

<https://www.phoenixcontact.com/us/products/0801762>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

NS 35/ 7,5 CAP - End cap

1206560

<https://www.phoenixcontact.com/us/products/1206560>

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



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E/UK - End bracket

1201442

<https://www.phoenixcontact.com/us/products/1201442>

End bracket, Mounting on a DIN rail NS 32 or NS 35, material: PA, color: gray



E/UK 1 - End bracket

1201413

<https://www.phoenixcontact.com/us/products/1201413>

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



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S-II- 2 A/500 V - Fuse insert

0913605

<https://www.phoenixcontact.com/us/products/0913605>



Fuse insert, nom. voltage: 500 V, nominal current: 2 A, diameter: 22 mm, color: pink

SZF 3-1,0X5,5 - Screwdriver

1206612

<https://www.phoenixcontact.com/us/products/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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