

Fuse modular terminal block - USED 27 N - 3048373

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Fuse terminal blocks for DIAZED fuse inserts

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



Key Commercial Data

Packing unit	5 pc
GTIN	 4 017918 976286
GTIN	4017918976286
Weight per Piece (excluding packing)	139.050 g
Weight per piece (including packing)	143.000 g
Custom tariff number	85363030
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	35 mm²
Color	light gray
Flammability rating according to UL 94	V2
Maximum power dissipation for nominal condition	4.06 W
Rated surge voltage	6 kV
Degree of pollution	3

Fuse modular terminal block - USED 27 N - 3048373

Technical data

General

Overvoltage category	III
Insulating material group	IIIb
Maximum load current	25 A (with 35 mm ² conductor cross section)
Nominal current I _N	25 A (the current is determined by the fuse used)
Nominal voltage U _N	500 V (the voltage is determined by the fuse used)
Fuse	D II / E 27
Fuse type	Screw cartridge
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
Result of surge voltage test	Test passed
Result of power-frequency withstand voltage test	Test passed
Result of tight fit on support	Test passed
Contact resistance	Test passed
Result of the test for mechanical stability of terminal points (5 x conductor connection)	Test passed
Result of flexion and pull-out test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	1.5 mm ² / 0.4 kg
	16 mm ² / 2.9 kg
	35 mm ² / 6.8 kg
Result of thermal test	Test passed
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Dimensions

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

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

Fuse modular terminal block - USED 27 N - 3048373

Technical data

Connection data

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
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

Ambient conditions

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

Standards and Regulations

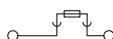
Flammability rating according to UL 94	V2
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Environmental Product Compliance

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

Drawings

Circuit diagram



Fuse modular terminal block - USED 27 N - 3048373

Classifications

eCl@ss

eCl@ss 10.0.1	27141116
eCl@ss 11.0	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
eCl@ss 7.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	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

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EAC / RS / EAC

Ex Approvals

Approval details

Fuse modular terminal block - USED 27 N - 3048373

Approvals

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

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

Fuse modular terminal block - USED 27 N - 3048373

Accessories

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

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

Fuse modular terminal block - USED 27 N - 3048373

Accessories

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

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



End block

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-II- 2 A/500 V - 0913605



Fuse insert, nominal current: 2 A, length: 50 mm, diameter: 22 mm, color: pink

Fuse insert - S-II- 4 A/500 V - 0913618



Fuse insert, nominal current: 4 A, length: 50 mm, diameter: 22 mm, color: brown

Fuse modular terminal block - USED 27 N - 3048373

Accessories

Fuse insert - S-II- 6 A/500 V - 0913621



Fuse insert, nominal current: 6 A, length: 50 mm, diameter: 22 mm, color: green

Fuse insert - S-II-10 A/500 V - 0913634



Fuse insert, nominal current: 10 A, length: 50 mm, diameter: 22 mm, color: red

Fuse insert - S-II-16 A/500 V - 0913647



Fuse insert, nominal current: 16 A, length: 50 mm, diameter: 22 mm, color: gray

Fuse insert - S-II-20 A/500 V - 0913650



Fuse insert, nominal current: 20 A, length: 50 mm, diameter: 22 mm, color: blue

Fuse insert - S-II-25 A/500 V - 0913663



Fuse insert, nominal current: 25 A, length: 50 mm, diameter: 22 mm, color: yellow

Marker carriers

Fuse modular terminal block - USED 27 N - 3048373

Accessories

Marker carriers - MA 20X 8 BK - 0814270



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

Screwdriver tools

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