Fuse modular terminal block - USED 27 N - 3048373

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Fuse terminal blocks for DIAZED fuse inserts

Product Features

- 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
- Original DIAZED®-E 27 threads are used in closed housing
- This fuse terminal block accommodates DIAZED® fuses

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
Weight per Piece (excluding packing)	185.5 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
Insulating material	Duroplast
Flammability rating according to UL 94	V0
Fuse	D II / E 27
Fuse type	Screw cartridge
Rated surge voltage	6 kV
Pollution degree	3

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Technical data

General

Overvoltage category	III
Insulating material group	IIIb
Maximum load current	25 A (with 35 mm² 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)
Open side panel	nein
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	165 °C

Dimensions

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

Connection data

Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	35 mm²
Conductor cross section flexible min.	1.5 mm²
Conductor cross section flexible max.	35 mm²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	25 mm²
Cross section with insertion bridge, solid max.	25 mm²
Cross section with insertion bridge, stranded max.	25 mm²
2 conductors with same cross section, solid min.	1.5 mm²
2 conductors with same cross section, solid max.	10 mm²
2 conductors with same cross section, stranded min.	1.5 mm²
2 conductors with same cross section, stranded max.	10 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm²

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Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm²
Cross section with insertion bridge, solid max.	25 mm²
Cross section with insertion bridge, stranded max.	25 mm²
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

Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

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Approvals

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Approvals

GL / RS / EAC

Ex Approvals

Approvals submitted

Approval details

GL

RS

EAC

Drawings

Circuit diagram