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Component terminal block, Connection type: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Nominal current: 32 A, Nominal voltage: 500 V, Length: 56 mm, Width: 6.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15, NS 32

Why buy this product

Double-level diode terminal blocks with various forms of wiring are available for a wide range of applications



Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 017918 864033
Weight per Piece (excluding packing)	15.1 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Note	Maximum width of components to be soldered in: 5 mm
Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	32 A (with 4 mm² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	32 A



Technical data

General

Nominal voltage U _N	500 V (Data is based on the dielectric strength of adjacent terminal blocks or of the DINg rail.)
Open side panel	ja
Number of positions	2

Dimensions

Width	6.2 mm
Length	56 mm
Height NS 35/7,5	62 mm
Height NS 35/15	69.5 mm
Height NS 32	67 mm

Connection data

Conductor cross section solid max. 0.2 mm² Conductor cross section stranded min. 0.2 mm² Conductor cross section stranded max. 4 mm² Conductor cross section Stranded max. 24 Conductor cross section AWG/kcmil min. 12 Conductor cross section stranded, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section stranded, with ferrule without plastic sleeve max. 4 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² 2 conductors with same cross section, solid min. 0.2 mm² 2 conductors with same cross section, solid max. 1.5 mm² 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 1.5 mm² 2 conductors with same cross section, stranded, ferrules with plastic sleeve, min. 1.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	Connection data	
Conductor cross section stranded min. Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² Conductor system same cross section, solid min. 2.0 mm² 2.0 conductors with same cross section, solid max. 1.5 mm² 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductor	Conductor cross section solid min.	0.2 mm ²
Conductor cross section AWG/kcmil min. 24 Conductor cross section AWG/kcmil max 12 Conductor cross section stranded, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section stranded, with ferrule without plastic sleeve min. 4 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 0.25 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 0.25 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² 2 conductors with same cross section, solid min. 0.2 mm² 2 conductors with same cross section, stranded min. 0.2 mm² 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm² 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. 1.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 5 cm²	Conductor cross section solid max.	4 mm²
Conductor cross section AWG/kcmil min. 24 Conductor cross section AWG/kcmil max 12 Conductor cross section stranded, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section stranded, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 0.25 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² 2 conductors with same cross section, solid min. 0.2 mm² 2 conductors with same cross section, solid max. 1.5 mm² 2 conductors with same cross section, stranded min. 0.2 mm² 2 conductors with same cross section, stranded ferrules without plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm² 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. 5 cmw connection Connection method Screw connection Stripping length 8 mm Internal cylindrical gage A4 Screw thread	Conductor cross section stranded min.	0.2 mm ²
Conductor cross section AWG/kcmil max Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1 conductors with same cross section, stranded max. 1 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length 8 mm Internal cylindrical gage A4 Screw thread M3 16 km	Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1.5 mm² 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A4 Screw thread Tightening torque, min 0.25 mm² 0.5 mm² 1.5 mm² 1.5 mm² 1.5 mm² 1.5 mm² 1.5 mm²	Conductor cross section AWG/kcmil min.	24
min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² 2 conductors with same cross section, solid min. 0.2 mm² 2 conductors with same cross section, stranded min. 0.2 mm² 2 conductors with same cross section, stranded min. 0.2 mm² 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm² Connection method Screw connection Stripping length 8 mm Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 0.25 mm²	Conductor cross section AWG/kcmil max	12
max. 4 mm² Conductor cross section stranded, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section stranded, with ferrule with plastic sleeve max. 2.5 mm² 2 conductors with same cross section, solid min. 0.2 mm² 2 conductors with same cross section, solid max. 1.5 mm² 2 conductors with same cross section, stranded min. 0.2 mm² 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm² 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, min. 1.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm² 4 connection method 5 crew connection 5 crew connection 6 stripping length 8 mm 6 lnternal cylindrical gage A4 6 Screw thread M3 7 ightening torque, min 0.6 Nm		0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1.5 mm² 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with same	·	4 mm²
2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 3 conductors with same cross section, stranded max. 4 conductors with same cross section, stranded max. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 6 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 7 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 8 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with same cross section, stranded, TWIN	Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 3 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 4 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 6 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 8 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules wit	Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 connection method 5 crew connection 5 tripping length 8 mm 1 Internal cylindrical gage A4 5 crew thread M3 Tightening torque, min 0.6 Nm	2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 connection method 5 crew connection 5 tripping length 8 mm Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 1.5 mm² 1.5 mm² A4 Screw thread M3 Tightening torque, min 1.5 mm² 1.5 mm² 1.5 mm²	2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length 8 mm Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 0.6 Nm	2 conductors with same cross section, stranded min.	0.2 mm²
sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A4 Screw thread M3 Tightening torque, min O.5 mm² 1.5 mm² A5 mm M3 Tightening torque, min	2 conductors with same cross section, stranded max.	1.5 mm²
sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 1.5 mm² 1.5 mm² A4 Screw connection M3 Tightening torque, min 0.6 Nm	·	0.25 mm²
plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage A4 Screw thread M3 Tightening torque, min O.5 mm² 1.5 mm² Screw connection 8 mm M3 Tightening torque, min O.6 Nm		1.5 mm ²
plastic sleeve, max. Connection method Stripping length 8 mm Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 1.5 min 8 mm 44 0.6 Nm		0.5 mm²
Stripping length 8 mm Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 0.6 Nm		1.5 mm²
Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 0.6 Nm	Connection method	Screw connection
Screw thread M3 Tightening torque, min 0.6 Nm	Stripping length	8 mm
Tightening torque, min 0.6 Nm	Internal cylindrical gage	A4
	Screw thread	M3
Tightening torque max 0.8 Nm	Tightening torque, min	0.6 Nm
	Tightening torque max	0.8 Nm



Classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141127

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000903

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

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Approvals

GOST / GOST

Ex Approvals

Approvals submitted

Approval details

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Approvals	A	р	р	r	O	V	а	ls
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Drawings

Circuit diagram

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