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Knife disconnect terminal block, Connection type: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Nominal current: 16 A, Nominal voltage: 400 V, Length: 46 mm, Width: 5.2 mm, Color: blue, Assembly: NS 35/7,5, NS 35/15, NS 32

Product Features

 $\overline{\mathbf{v}}$



Key commercial data

Packing unit	1 pc
GTIN	4 017918 092641
Weight per Piece (excluding packing)	9.77 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	16 A (with 4 mm² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III



Technical data

General

Insulating material group	I
Nominal current I _N	16 A
Nominal voltage U _N	400 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	46 mm
Height NS 35/7,5	51.5 mm
Height NS 35/15	59 mm
Height NS 32	56.5 mm

Connection data

Conductor cross section flexible min. 4 mm² Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section AWG/kcmil min. 24 Conductor cross section AWG/kcmil max 0.25 mm² Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 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, min. 0.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, ferrules with 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 fer	Conductor cross section solid min.	0.2 mm ²
Conductor cross section flexible max. Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max Conductor cross section AWG/kcmil max Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm² 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, 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, 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. 1.5 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² Connection method Stripping length 7 mm	Conductor cross section solid max.	4 mm²
Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max 12 Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm² 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, 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 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, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stra	Conductor cross section flexible min.	0.2 mm²
Conductor cross section AWG/kcmil max Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm² 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, 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, 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, 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, min. 2 conductors with same cross section, stranded, TWIN ferrules with	Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm² 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. 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, 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, 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 sect	Conductor cross section AWG/kcmil min.	24
Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm² 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, 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, 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. 3 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 4 mm² Cross section with insertion bridge, stranded max. 5 cross section with insertion bridge, stranded max. 7 mm²	Conductor cross section AWG/kcmil max	12
Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm² 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, 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, 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, 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.	Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 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, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 consection with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² Connection method Screw connection Stripping length 7 mm	Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 3 conductors with same cross section, stranded min. 4 conductors with same cross section, stranded max. 5 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 with plastic sleeve, min. 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 insertion bridge, solid max. 9 consection with insertion bridge, solid max. 9 consection with insertion bridge, stranded max. 9 consection with insertion bridge, stranded max. 9 connection method 9 crew connection	Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 3 conductors with same cross section, stranded max. 4 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 6 conductors with same cross section, stranded, ferrules with plastic sleeve, max. 7 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. 7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 7 conductors with insertion bridge, solid max. 7 cross section with insertion bridge, stranded max. 7 cross section with insertion bridge, stranded max. 7 connection method 8 crew connection 9 crew connection 9 crew connection 9 crew connection	Conductor cross section flexible, with ferrule with plastic sleeve 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, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 3 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 4 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 6 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 6 conductors with insertion bridge, solid max. 6 cross section with insertion bridge, stranded max. 7 cross section with insertion bridge, stranded max. 7 connection method 8 crew connection 8 tripping length 7 mm	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, 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. 4 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 5 crows connection Stripping length 7 mm	2 conductors with same cross section, solid 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, 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 mm² Cross section with insertion bridge, solid max. 4 mm² Connection method Screw connection Stripping length 7 mm	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, max. 1.5 mm² 1.5 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² Connection method Screw connection T mm	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. 1.5 mm² 1.5 mm² 1.5 mm² 1.5 mm² 1.5 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² Connection method Stripping length 7 mm		0.25 mm²
sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² Connection method Stripping length 7 mm	·	1.5 mm²
sleeve, max. Cross section with insertion bridge, solid max. Cross section with insertion bridge, stranded max. Cross section with insertion bridge, stranded max. 2.5 mm² Connection method Screw connection Stripping length 7 mm	· · · · · · · · · · · · · · · · · · ·	0.5 mm²
Cross section with insertion bridge, stranded max. 2.5 mm² Connection method Stripping length 7 mm	·	1.5 mm²
Connection method Screw connection Stripping length 7 mm	Cross section with insertion bridge, solid max.	4 mm²
Stripping length 7 mm	Cross section with insertion bridge, stranded max.	2.5 mm²
	Connection method	Screw connection
	Stripping length	7 mm
Internal cylindrical gage A3	Internal cylindrical gage	A3

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Technical data

Connection data

Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

UNSPSC

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

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GL / DNV / EAC / EAC / cULus Recognized

Ex Approvals



Approvals

Approvals	cubmitted
Approvais	Submitted

Approval details

CSA (1)	
mm²/AWG/kcmil	28-12
Nominal current IN	15 A
Nominal voltage UN	300 V

UL Recognized 5	
mm²/AWG/kcmil	28-12
Nominal current IN	10 A
Nominal voltage UN	300 V

cUL Recognized 5		
mm²/AWG/kcmil	28-12	
Nominal current IN	10 A	
Nominal voltage UN	300 V	

DI	V

EAC		

EAC



Approvals

cULus Recognized • Suus

Drawings

Circuit diagram

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