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Sensor/actuator terminal block, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Connection type: Screw connection, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

■ Terminal blocks with red and green LEDs are available for optical signaling of the initiator and actuator wiring



Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 126773
Weight per Piece (excluding packing)	20.15 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	3
Number of connections	6
Nominal cross section	2.5 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1



Technical data

General

Nominal current I _N	15 A
Maximum load current	15 A (with 4 mm² conductor cross section)
Nominal voltage U _N	250 V (the voltage is determined by the component used)
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N (upper level)	15 A
Maximum load current (upper level)	15 A (with 4 mm² conductor cross section)
Nominal voltage U _N	250 V
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
Surge voltage test setpoint	4.8 kV
Result of power-frequency withstand voltage test	Test passed
Power frequency withstand voltage setpoint	1.5 kV
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Result of bending test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.2 mm² / 0.2 kg
	2.5 mm ² / 0.7 kg
	4 mm² / 0.9 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.2 mm ²
Tractive force setpoint	10 N
Conductor cross section tensile test	2.5 mm ²
Tractive force setpoint	50 N
Conductor cross section tensile test	4 mm²
Tractive force setpoint	60 N
Result of tight fit on support	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of voltage-drop test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of temperature-rise test	Test passed
Short circuit stability result	Test passed



Technical data

General

Conductor cross section short circuit testing	2.5 mm ²
Short-time current	0.3 kA
Conductor cross section short circuit testing	4 mm²
Short-time current	0.48 kA
Result of thermal test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Relative insulation material temperature index (Elec.; UL 746 B)	125 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-40 °C

Dimensions

Width	6.2 mm
Length	72.5 mm
Height NS 35/7,5	54.5 mm
Height NS 35/15	62 mm

Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
Cross section with insertion bridge, solid max.	4 mm²
Cross section with insertion bridge, stranded max.	2.5 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²



Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1 mm² 2 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. 25 mm² Stripping length 8 mm Internal cylindrical gage A3 Screw thread M3 Tightening torque, min 0.5 km Conductor cross section soll min. 0.2 mm² Conductor cross section soll min. 0.2 mm² Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section flexible with rerule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm² Cros		
sleeve, max. 1 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² Stripping length 8 mm Internal cylindrical gage A3 Screw thread M3 Tightening torque, min 0.5 km Connection method Screw connection Conductor cross section solid min. 0.2 mm² Conductor cross section solid max. 4 mm² Conductor cross section flexible min. 2.5 mm² Conductor cross section MWG min. 24 Conductor cross section MWG min. 12 Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule without plastic sleeve max. 25 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor with insertion bridge, stranded max. 1 mm² 2 conductors with insertion bridge, stranded max. 1 mm² 2 conductors with same cross section, slid max. 1 mm² 2 conduc	· · · · · · · · · · · · · · · · · · ·	0.5 mm²
Cross section with insertion bridge, stranded max. 2.5 mm² Stripping length 8 mm Internal cylindrical gage A3 Screw thread M3 Tightening torque, min 0.5 Nm Tightening torque max 0.6 Nm Connection method Screw connection Conductor cross section solid min. 0.2 mm² Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section AWG min. 24 Conductor cross section AWG min. 12 Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 1 mm² 2 conductors with same cross section, stranded max. 1 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, mi	·	1 mm²
Stripping length Internal cylindrical gage Screw thread M3 Screw thread M3 Screw thread M3 Screw thread M6 Striphing torque, min Tightening torque max 0.6 Nm Connection method Screw connection Conductor cross section solid min. Conductor cross section solid min. Conductor cross section solid min. Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section MWG min. Conductor cross section AWG min. Conductor cross section flexible with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without 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 min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² Conductors with same cross section, solid min. 2.conductors with same cross section, solid min. 2.conductors with same cross section, stranded max. 1 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, ferrules without plastic sleeve, min. 3 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 4 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 6 conductors with	Cross section with insertion bridge, solid max.	4 mm²
Internal cylindrical gage A3 Screw thread M3 Tightening torque, min Connection method Connection method Conductor cross section solid min. Conductor cross section flexible min. Conductor cross section AWG min. 24 Conductor cross section AWG min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without 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 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 min. Conductor swith same cross section, solid min. 2.5 mm² Cross section with insertion bridge, stranded max. 1 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded 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, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve,	Cross section with insertion bridge, stranded max.	2.5 mm²
Screw thread M3 Tightening torque, min 0.5 Nm Tightening torque max 0.6 Nm Connection method Screw connection Conductor cross section solid min. 0.2 mm² Conductor cross section solid max. 4 mm² Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section AWG min. 24 Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² 2 conductors with same cross section, solid min. 0.2 mm² 2 conductors with same cross section, solid min. 1 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 min. 0.2 mm² 2 conductors with same cross section, stranded ferrules without plastic sleeve, min. 1 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 1 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 1 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 1 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 1 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 mm² 2 conductors with same cross section, stranded, ferrules with plastic sleeve, min. 2 mm² 3 conductors with same cross section, stranded, ferrules with plastic	Stripping length	8 mm
Tightening torque, min 0.5 Nm Tightening torque max 0.6 Nm Connection method Screw connection Conductor cross section solid min. 0.2 mm² Conductor cross section solid max. 4 mm² Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section AWG min. 24 Conductor cross section AWG min. 12 Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm² Conductor cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, solid max. 2.5 mm² 2 conductors with same cross section, solid min. 0.2 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 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, 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, ferrules with 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, ferrules with plastic sleeve, min. 0.5 mm²	Internal cylindrical gage	A3
Tightening torque max Connection method Conductor cross section solid min. Conductor cross section flexible min. Conductor cross section AWG min. Conductor cross section AWG min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, 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 max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 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, 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	Screw thread	M3
Connection method Conductor cross section solid min. Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible max. Conductor cross section flexible max. Conductor cross section AWG min. Conductor cross section AWG min. Conductor cross section flexible with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without 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 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. 2.5 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded 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 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, 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 f	Tightening torque, min	0.5 Nm
Conductor cross section solid min. Conductor cross section flexible min. Conductor cross section flexible max. Conductor cross section flexible max. Conductor cross section AWG min. Conductor cross section AWG min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without 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 min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded min. 2 conductors with same cross section, solid max. 1 mm² 2 conductors with same cross section, stranded 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, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules with plastic sleeve,	Tightening torque max	0.6 Nm
Conductor cross section flexible min. Conductor cross section flexible max. Conductor cross section flexible max. Conductor cross section AWG min. Conductor cross section AWG min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, 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 max. Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Cross section with insertion bridge, solid max. 4 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded 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 s	Connection method	Screw connection
Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible max. 24 Conductor cross section AWG min. 12 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. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Consection with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 0.2 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 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. 1 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, max. 1 mm²	Conductor cross section solid min.	0.2 mm²
Conductor cross section AWG min. Conductor cross section AWG max. Conductor cross section AWG max. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Consumer cross section flexible, with ferrule with plastic sleeve max. Cross section with insertion bridge, solid max. 4 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 mm² 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1 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, 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 4 mm² Cross section with insertion bridge, stranded max.	Conductor cross section solid max.	4 mm²
Conductor cross section AWG min. Conductor cross section AWG max. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Cross section with insertion bridge, solid max. Cross section with insertion bridge, stranded max. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1 mm² 2 conductors with same cross section, stranded max. 1 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 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, 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 min.	0.2 mm²
Conductor cross section AWG max. Conductor cross section flexible, with ferrule without plastic sleeve min. 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. Conductor cross section flexible, with ferrule with plastic sleeve max. Cross section with insertion bridge, solid max. Cross section with insertion bridge, solid max. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1 mm² 2 conductors with same cross section, stranded max. 1 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 mm² 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, solid max. 4 mm² 2.5 mm²	Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. Cross section with insertion bridge, solid max. Cross section with insertion bridge, stranded max. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 mm² 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1 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 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max.	Conductor cross section AWG min.	24
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. Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, solid min. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 mm² 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1 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, 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, min.	Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule with plastic sleeve min. Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 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. 1 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 4 mm² Cross section with insertion bridge, stranded max.	Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. Cross section with insertion bridge, solid max. Cross section with insertion bridge, stranded max. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 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. 1 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 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1 mm² 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm²	Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Cross section with insertion bridge, solid max. Cross section with insertion bridge, stranded max. 2.5 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 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. 1 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 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1 mm² 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max.	Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Cross section with insertion bridge, stranded max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 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. 1 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 mm² 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm²	Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 1 mm² 2 conductors with same cross section, stranded min. 0.2 mm² 2 conductors with same cross section, stranded max. 1 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 mm² 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. 4 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm²	Cross section with insertion bridge, solid max.	4 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. 1 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 mm² 1 mm² 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. 1 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 mm² Cross section with insertion bridge, solid max. 4 mm² 2.5 mm²	Cross section with insertion bridge, stranded max.	2.5 mm²
2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1 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 mm² 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 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 mm² Cross section with insertion bridge, solid max. 2.5 mm²	2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, stranded max. 1 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 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. 1 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm²	2 conductors with same cross section, solid max.	1 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 mm² 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. 1 mm² 1 mm² 1 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm²	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. 1 mm² 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 mm² 1 mm² 1 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 4 mm² Cross section with insertion bridge, solid max. 2.5 mm²	2 conductors with same cross section, stranded max.	1 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 mm² 1 mm² Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm²		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	· ·	1 mm²
sleeve, max. Cross section with insertion bridge, solid max. 4 mm² Cross section with insertion bridge, stranded max. 2.5 mm²	·	0.5 mm²
Cross section with insertion bridge, stranded max. 2.5 mm²	· · · · · · · · · · · · · · · · · · ·	1 mm²
	Cross section with insertion bridge, solid max.	4 mm²
Stripping length 8 mm	Cross section with insertion bridge, stranded max.	2.5 mm²
	Stripping length	8 mm



Technical data

Connection data

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

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
	IEC 60947-7-1
Flammability rating according to UL 94	V2

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	27141128
eCl@ss 7.0	27141128
eCl@ss 8.0	27141128

ETIM

ETIM 2.0	EC000900
ETIM 3.0	EC000900
ETIM 4.0	EC000900
ETIM 5.0	EC000900

UNSPSC

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

Approvals

Approvals



Approvals

Approvals					
CSA / UL Recognized / cUL R	Recognized / EAC / EAC / cULu	s Recognized			
Ex Approvals					
Approvals submitted					
Approval details					
CSA ®					
mm²/AWG/kcmil		28-14	28-14		
Nominal current IN		15 A	15 A		
Nominal voltage UN		300 V	300 V		
UL Recognized 5					
	В	С	D		
mm²/AWG/kcmil	30-14	30-14	30-14		
Nominal current IN	15 A	15 A	10 A		
Nominal voltage UN	300 V	150 V	300 V		
cUL Recognized					
	В	С	D		
mm²/AWG/kcmil	30-14	30-14	30-14		
Nominal current IN	15 A	15 A	10 A		

EAC	

150 V

300 V

Nominal voltage UN

EAC

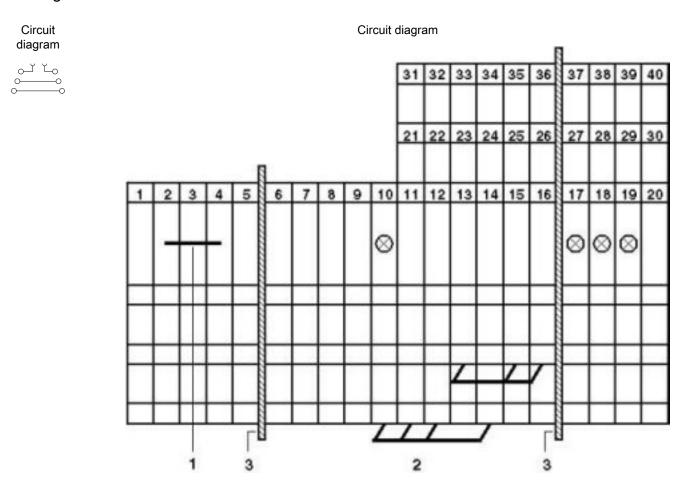
300 V



Approvals

cULus Recognized cultus

Drawings



- 1 = fixed bridge
- 2 = insertion bridge
- 3 = partition plate

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