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High-current terminal block, Connection method: Screw connection, Number of connections: 2, Cross section: 35 mm² - 150 mm², AWG: 2 - 300 kcmil, Width: 31 mm, Height: 107.3 mm, Color: gray, Mounting type: NS 35/15, NS 32

Why buy this product

- Reliable cable connection is ensured by three-point centering of the conductor in the prismatic sleeve base
- Screw locking by means of spring-loaded elements in the clamping part



Key Commercial Data

Packing unit	1 STK
GTIN	4 017918 091842
GTIN	4017918091842
Weight per Piece (excluding packing)	370.000 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	150 mm²
Color	gray
Insulating material	PA



Technical data

General

Flammability rating according to UL 94 VO Rated surge voltage 8 kV Degree of pollution 3 Overvoltage category III Insulating material group 1 Maximum proe dissplation for nominal condition 9.55 W Maximum load current 309 A (with 150 mm² conductor cross section) Nominal voltage Us, 1000 V Open side panel No Shock protection test specification UN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test setpoint 7 set passed Result of power-frequency withstand voltage test Test passed Result of power-frequency withstand voltage test Test passed Result of bending test for mechanical stability of terminal points (5 x conductor Test passed Result of bending test from mechanical stability of terminal points (5 x conductor Test passed Bending test conductor cross section/weight 35 mm² / 6.8 kg Bending test conductor cross section/weight 35 mm² / 6.8 kg Test passed 150 mm² / 15 kg Test passed 150 mm² / 15 kg Test pa	General	
Degree of pollution 3 Overvoltage category III Insulating material group II Maximum power dissipation for nominal condition 9.55 W Maximum load current 309 A (with 150 mm² conductor cross section) Nominal current I _k 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test set Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of bending test for mechanical stability of terminal points (5x conductor connection) Test passed Result of bending test turns 135 Bending test turns 135 Bending test turns 135 Bending test turns 135 Bending test conductor cross section/tweight 35 mm² / 15 kg Test passed 50 mm² / 15 kg Conductor cross section tensile test 750 mm² / 15 kg Tracitive force setpoint 190 N Conductor cross section tensile test	Flammability rating according to UL 94	V0
Overvoltage category III Insulating material group I Maximum power dissipation for nominal condition 9.55 W Maximum load current Is 309 A (with 150 mm² conductor cross section) Nominal current Is 309 A Nominal voltage Us 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0680-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of power-frequency withstand voltage test Test passed Result of be beding test to reconstructions Test passed Bending test rotation speed 10 rpm Bending test rotation speed 10 rpm Bending test conductor cross section/weight 35 mm² / 6.8 kg Bending test rotation speed 10 rpm Conductor cross section tensile test 35 mm² / 15 kg Test passed 50 mm² / 15 kg Test passed 50 mm² / 15 kg Conductor cross section ten	Rated surge voltage	8 kV
Insulating material group I Maximum power dissipation for nominal condition 9.55 W Maximum load current I _{II} 309 A (with 150 mm² conductor cross section) Nominal voltage U _{II} 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Result of bending test rotation speed 10 rpm Bending test trub 35 mm² (6.8 kg Bending test conductor cross section/weight 35 mm² (6.8 kg Tensile test result Test passed Tenductor cross section tensile test 50 mm²	Degree of pollution	3
Maximum power dissipation for nominal condition 9.55 W Maximum load current 309 A (with 160 mm² conductor cross section) Nominal current I _k 309 A Nominal voltage U _k 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test turns 15 pm² Bending test conductor cross section/weight 35 mm² / 6.8 kg Bending test conductor cross section/weight 35 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 150 mm² / 15 kg Tensile test result 50 mm² / 15 kg Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test	Overvoltage category	III
Maximum load current In 309 A (with 150 mm² conductor cross section) Nominal current In 309 A Nominal voltage Un 1000 V Open side panel No Back of the hand protection DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of berdling test stef or mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test to make a section speed 10 rpm Bending test toanductor cross section/weight 35 Bending test conductor cross section/weight 35 mm² / 6.8 kg Tensile test result 75 mm² / 15 kg Tensile test result 75 mm² / 19 kg Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Result of light fit on support 75 test passed Tractive force setpoint 427 N<	Insulating material group	I
Nominal current I _N 309 A Nominal voltage U _N 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of brechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test tonductor cross section/weight 35 mm² / 6.8 kg Bending test conductor cross section/weight 35 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² / 9.5 kg Conductor cross section tensile test 35 mm² / 15 kg Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N	Maximum power dissipation for nominal condition	9.55 W
Nominal voltage U _λ 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of the test for 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 conductor cross section/weight 35 mm² / 6.8 kg Bending test conductor cross section/weight 35 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² / 2.8 kg Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 427 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of light fit on support Test passed Testp passed Test passed <td>Maximum load current</td> <td>309 A (with 150 mm² conductor cross section)</td>	Maximum load current	309 A (with 150 mm² conductor cross section)
Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of bending test for 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 35 mm² / 6.8 kg Tensile test result 150 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test	Nominal current I _N	309 A
Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of the test for 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 conductor cross section/weight 35 mm² / 6.8 kg Bending test conductor cross section/weight 50 mm² / 15 kg Test passed 150 mm² / 15 kg Conductor cross section tensile test 75 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed	Nominal voltage U _N	1000 V
Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of the test for mechanical stability of terminal points (5 x conductor onnection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 35 mm² / 6.8 kg Tensile test result 150 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Steppint 15 N Result of voltage-drop test Test passed Requirements, voltage drop < 3.2 mV	Open side panel	No
Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of the test for 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 35 mm² / 6.8 kg 6 mar² / 9.5 kg 150 mm² / 15 kg 1 resile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test 10 rpm Bending test rotation speed 10 rpm Bending test conductor cross section/weight 35 mm² / 6.8 kg Bending test conductor cross section/weight 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Back of the hand protection	guaranteed
Result of power-frequency withstand voltage test Result of power-frequency withstand voltage test Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test tums Result of bending test tums Result of bending test tums Result of bending test conductor cross section/weight Result of bending test conductor cross section/weight Result of tight fit on support Result of tight fit on support Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test Result of temperature-rise tes	Result of surge voltage test	Test passed
Result of the test for 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 35 mm² / 6.8 kg Bending test result 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tenctive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Surge voltage test setpoint	9.8 kV
connection) Test passed Result of bending test Test passed Bending test trotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 35 mm² / 6.8 kg Learner (1.5 kg) 50 mm² / 9.5 kg Tensile test result 150 mm² / 15 kg Conductor cross section tensile test 35 mm² Conductor cross section tensile test 35 mm² Tractive force setpoint 40 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Result of power-frequency withstand voltage test	Test passed
Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 35 mm² / 6.8 kg 50 mm² / 9.5 kg 150 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed		Test passed
Bending test turns Bending test conductor cross section/weight 35 mm² / 6.8 kg 50 mm² / 9.5 kg 150 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Tight fit on carrier NS 32/NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test Test passed Test passed Test passed Test passed Test passed Test passed	Result of bending test	Test passed
Bending test conductor cross section/weight 50 mm² / 9.5 kg 150 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Requirements, voltage drop Est passed Requirements, voltage drop Fest passed Test passed	Bending test rotation speed	10 rpm
50 mm² / 9.5 kg 150 mm² / 15 kg Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Bending test turns	135
Tensile test result Test passed Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Bending test conductor cross section/weight	35 mm² / 6.8 kg
Tensile test result Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test Test passed Test passed Test passed		50 mm² / 9.5 kg
Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed		150 mm² / 15 kg
Tractive force setpoint Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test 190 N 472 N 150 mm² 150 mm² 150 mm² 151 N 152 passed 153 N 153 N 154 passed 155 N 155 passed 156 passed 157 passed 158 passed	Tensile test result	Test passed
Conductor cross section tensile test 50 mm² Tractive force setpoint 472 N Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Conductor cross section tensile test	35 mm ²
Tractive force setpoint Conductor cross section tensile test 150 mm² Tractive force setpoint 427 N Result of tight fit on support Tight fit on carrier NS 32/NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test 472 N 427 N Test passed Test passed Test passed Test passed	Tractive force setpoint	190 N
Conductor cross section tensile test Tractive force setpoint Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test Test passed Test passed	Conductor cross section tensile test	50 mm ²
Tractive force setpoint 427 N Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Tractive force setpoint	472 N
Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Conductor cross section tensile test	150 mm²
Tight fit on carrier NS 32/NS 35 Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Tractive force setpoint	427 N
Setpoint 15 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Result of tight fit on support	Test passed
Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Tight fit on carrier	NS 32/NS 35
Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed	Setpoint	15 N
Result of temperature-rise test Test passed	Result of voltage-drop test	Test passed
	Requirements, voltage drop	≤ 3.2 mV
Short circuit stability result Test passed	Result of temperature-rise test	Test passed
	Short circuit stability result	Test passed



Technical data

General

Conductor cross section short circuit testing	150 mm²	
Short-time current	18 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)	130 °C	
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C	
Static insulating material application in cold	-60 °C	
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed	
Flame test method (DIN EN 60695-11-10)	V0	
Oxygen index (DIN EN ISO 4589-2)	>32 %	
NF F16-101, NF F10-102 Class I	2	
NF F16-101, NF F10-102 Class F	2	
Surface flammability NFPA 130 (ASTM E 162)	passed	
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed	
Smoke gas toxicity NFPA 130 (SMP 800C)	passed	
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg	
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3	
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3	
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3	
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3	

Dimensions

Width	31 mm
Length	100 mm
Height	107.3 mm
Height NS 35/15	118.5 mm
Height NS 32	116 mm

Connection data

Note	Screws with hexagonal socket
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	35 mm ²
Conductor cross section solid max.	150 mm²
Conductor cross section AWG min.	2
Conductor cross section AWG max.	300 kcmil
Conductor cross section flexible min.	50 mm ²



Technical data

Connection data

Conductor cross section flexible max.	150 mm²	
Min. AWG conductor cross section, flexible	1/0	
Max. AWG conductor cross section, flexible	300 kcmil	
Conductor cross section flexible, with ferrule without plastic sleeve min.	50 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	150 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	50 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	150 mm²	
Cross section with insertion bridge, solid max.	150 mm²	
Cross section with insertion bridge, stranded max.	120 mm²	
2 conductors with same cross section, solid min.	25 mm²	
2 conductors with same cross section, solid max.	50 mm²	
2 conductors with same cross section, stranded min.	35 mm²	
2 conductors with same cross section, stranded max.	50 mm²	
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	25 mm²	
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	50 mm²	
Cross section with insertion bridge, solid max.	150 mm²	
Cross section with insertion bridge, stranded max.	120 mm²	
Connection in acc. with standard	IEC/EN 60079-7	
Conductor cross section solid min.	35 mm²	
Conductor cross section solid max.	150 mm²	
Conductor cross section AWG min.	2	
Conductor cross section AWG max.	300	
Conductor cross section flexible min.	50 mm²	
Conductor cross section flexible max.	150 mm²	
Stripping length	40 mm	
Internal cylindrical gage	B14	
Screw thread	M10	
Tightening torque, min	25 Nm	
Tightening torque max	30 Nm	

Standards and Regulations

Connection in acc. with standard	CSA	
	IEC 60947-7-1	
Flammability rating according to UL 94	V0	

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e



Technical data

Environmental Product Compliance

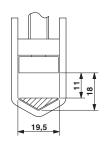
No hazardous substances above threshold values

Drawings

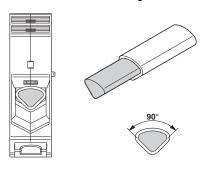
Circuit diagram



Dimensional drawing



Schematic diagram



Connecting aluminum cables. Further notes can be found in the download area

Approvals

Approvals

Approvals

CSA / UL Recognized / RS / PRS / EAC / EAC / DNV GL

Ex Approvals

IECEx / ATEX / UL Recognized / cUL Recognized / EAC Ex / cULus Recognized

Approval details



Approvals

CSA (P	http://www.csagroup.org/servic and-certification/certified-prod	
	В	С
mm²/AWG/kcmil	2-300	2-300
Nominal current IN	275 A	275 A
Nominal voltage UN	600 V	600 V

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E	
	В	С
mm²/AWG/kcmil	2-300	2-300
Nominal current IN	285 A	285 A
Nominal voltage UN	600 V	600 V

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RS		http://www.rs-head.spb.ru/en/index.php	10.04059.250
PRS		http://www.prs.pl/	TE/1824/880590/09
EAC	EAC		EAC-Zulassung
EAC	EAC		7500651.22.01.00246
DNIV OI		http://www.do.com/los/	TAF000040T
DNV GL		http://exchange.dnv.com/tari/	TAE00001CT

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