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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Potential collective terminal, nom. voltage: 1000 V, nominal current: 105 A, connection method: Screw connection, Push-in connection, number of connections: 11, cross section:1.5 mm² - 50 mm², AWG: 16 - 1/0, width: 16.3 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Why buy this product

- The terminal block base is ideal for use in building installation and machine building applications
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key Commercial Data

Packing unit	20 STK	
GTIN	4 055626 167619	
GTIN	4055626167619	

Technical data

General

Note	In the end application, the applicable safety regulations for overload and short-circuit protection on the connected conductors must be considered.			
Number of levels	1			
Number of connections	11			
Color	gray			
Insulating material	PA			
Flammability rating according to UL 94	V0			
Rated surge voltage	8 kV			
Degree of pollution	2			
Overvoltage category	III			
Insulating material group	I			



Technical data

General

Maximum power dissipation for nominal condition	4.06 W (the value is multiplied when connecting multiple levels)			
Connection method	Screw connection			
Connection in acc. with standard	IEC 60947-7-1			
Maximum load current	105 A (The maximum load current must not be exceeded by the total current of all connected conductors.)			
Nominal current I _N	105 A			
Nominal voltage U _N	1000 V			
Connection method	Push-in connection			
Connection in acc. with standard	IEC 60947-7-1			
Maximum load current	41 A			
Nominal current I _N	41 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			
Finger 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			
Power frequency withstand voltage setpoint	2.2 kV			
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	1.5 mm² / 0.4 kg			
	35 mm² / 6.8 kg			
	50 mm² / 9.5 kg			
	0.5 mm² / 0.3 kg			
	6 mm ² / 1.4 kg			
	10 mm² / 2 kg			
	0.14 mm² / 0.2 kg			
	2.5 mm² / 0.7 kg			
	4 mm² / 0.9 kg			
Tensile test result	Test passed			
Conductor cross section tensile test	1.5 mm ²			
Tractive force setpoint	40 N			
Conductor cross section tensile test	35 mm²			
Tractive force setpoint	190 N			
Conductor cross section tensile test	50 mm ²			
Tractive force setpoint	236 N			



Technical data

General

Conductor cross section tensile test	0.5 mm ²	
Tractive force setpoint	20 N	
Result of tight fit on support	Test passed	
Tight fit on carrier	NS 35	
Setpoint	10 N	
Result of voltage-drop test	Test passed	
Requirements, voltage drop	≤ 1.6 mV	
Result of temperature-rise test	Test passed	
Short circuit stability result	Test passed	
Conductor cross section short circuit testing	35 mm²	
Short-time current	3 kA	
Conductor cross section short circuit testing	50 mm²	
Short-time current	4.8 kA	
Result of aging test	Test passed	
Ageing test for screwless modular terminal block temperature cycles	192	
Result of thermal test	Test passed	
Proof of thermal characteristics (needle flame) effective duration	30 s	
Oscillation, broadband noise test result	Test passed	
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03	
Test spectrum	Service life test category 2, bogie-mounted	
Test frequency	f ₁ = 5 Hz to f ₂ = 250 Hz	
ASD level	6.12 (m/s ²) ² /Hz	
Acceleration	3.12 g	
Test duration per axis	5 h	
Test directions	X-, Y- and Z-axis	
Shock test result	Test passed	
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03	
Shock form	Half-sine	
Acceleration	30g	
Shock duration	18 ms	
Number of shocks per direction	3	
Test directions	X-, Y- and Z-axis (pos. and neg.)	
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	
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Technical data

General

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	16.3 mm
Length	110.4 mm
Height NS 35/7,5	48.8 mm
Height NS 35/15	56.3 mm

Connection data

Connection method	Screw connection		
Connection in acc. with standard	IEC 60947-7-1		
Screw thread	M6		
Tightening torque, min	3.2 Nm		
Tightening torque max	3.7 Nm		
Stripping length	18 mm		
Conductor cross section solid min.	1.5 mm²		
Conductor cross section solid max.	50 mm ²		
Conductor cross section AWG min.	16		
Conductor cross section AWG max.	1/0		
Conductor cross section flexible min.	1.5 mm²		
Conductor cross section flexible max.	50 mm²		
Min. AWG conductor cross section, flexible	16		
Max. AWG conductor cross section, flexible	1/0		
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm²		
Conductor cross section flexible, with ferrule without plastic sleeve max.	. 35 mm²		
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm²		
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm²		
2 conductors with same cross section, solid min.	1.5 mm²		
2 conductors with same cross section, solid max.	16 mm²		
Two conductors with the same cross section, AWG solid min.	16		
Two conductors with the same cross section, AWG solid max.	6		
2 conductors with same cross section, stranded min.	1.5 mm²		
2 conductors with same cross section, stranded max.	10 mm²		
Two conductors with the same cross section, AWG stranded, min.	16		
Two conductors with the same cross section, AWG stranded, max.	8		



Technical data

Connection data

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Conductor cross section flexible, with ferrule without plastic sleeve min. 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 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 conductor with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductor cross section solid min. 1 mm² Conductor cross section solid max. 10 mm² Conductor cross section AWG min. 18 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 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 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 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 min. 0.14 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min.	Min. AWG conductor cross section, flexible	20	
Conductor cross section flexible, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule with plastic sleeve max. 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. 1.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 1 mm² Conductor cross section solid min. 1 mm² Conductor cross section solid max. 10 mm² Conductor cross section AWG min. 1 mm² 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 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Connection method Connection in acc. with standard IEC 60947-7-1 Stripping length Smm10 mm Conductor cross section solid min. Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section flexible min.	Max. AWG conductor cross section, flexible	10	
Conductor cross section flexible, with ferrule with plastic sleeve max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, 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 conductor cross section solid min. 1 mm² Conductor cross section solid max. 10 mm² Conductor cross section AWG min. 18 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Connection method Connection method Push-in connection Connection in acc. with standard Stripping length Smm 10 mm Conductor cross section solid min. Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG min. 26 Conductor cross section flexible min.	Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Conductor cross section solid min. 1 mm² Conductor cross section solid max. 10 mm² Conductor cross section AWG min. 8 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 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min. 0.14 mm²	Conductor cross section flexible, with ferrule without plastic sleeve max.	6 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. Conductor cross section solid min. 1 mm² Conductor cross section solid max. 10 mm² Conductor cross section AWG min. 8 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 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG min. 26 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min. 0.14 mm² 2.5 mm²	Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²	
plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Conductor cross section solid min. 1 mm² Conductor cross section solid max. 10 mm² Conductor cross section AWG min. 18 Conductor cross section AWG max. 8 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm² Connection method Push-in connection Connection in acc. with standard EC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. Conductor cross section flexible max.	Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²	
plastic sleeve, max. Conductor cross section solid min. Conductor cross section solid max. Conductor cross section AWG min. Conductor cross section flexible, with ferrule with 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Connection method Connection method Connection in acc. with standard EC 60947-7-1 Stripping length Conductor cross section solid min. Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min.		0.5 mm²	
Conductor cross section AWG min. Conductor cross section AWG max. Conductor cross section AWG 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve max. Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible max.		1.5 mm²	
Conductor cross section AWG min. Conductor cross section AWG 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 without plastic sleeve max. Conductor cross section flexible, with ferrule without plastic sleeve max. Conductor cross section flexible, with ferrule without plastic sleeve max. Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm²	Conductor cross section solid min.	1 mm²	
Conductor cross section AWG 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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Connection method Connection in acc. with standard EC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. Conductor cross section AWG max. Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible max. 2.5 mm²	Conductor cross section solid max.	10 mm²	
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 without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve max. Connection method Connection in acc. with standard EC 60947-7-1 Stripping length Smm 10 mm Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. Conductor cross section AWG max. Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible max. 2.5 mm²	Conductor cross section AWG min.	18	
Conductor cross section flexible, with ferrule with plastic sleeve max. Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve max. Connection method Connection in acc. with standard EC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. Conductor cross section flexible min. Conductor cross section flexible max. 2.5 mm²	Conductor cross section AWG max.	8	
Conductor cross section flexible, with ferrule without plastic sleeve min. Conductor cross section flexible, with ferrule without plastic sleeve max. Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min. 2.5 mm²	Conductor cross section flexible, with ferrule with plastic sleeve min.	1 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max. Connection method Connection in acc. with standard EC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² 2.5 mm²	Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²	
Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible max. 2.5 mm²	Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm²	
Connection in acc. with standard EC 60947-7-1 Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² 2.5 mm²	Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²	
Stripping length 8 mm 10 mm Conductor cross section solid min. 0.14 mm² Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible max. 2.5 mm²	Connection method	Push-in connection	
Conductor cross section solid min. Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible max. 2.5 mm²	Connection in acc. with standard	IEC 60947-7-1	
Conductor cross section solid max. 4 mm² Conductor cross section AWG min. 26 Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible max. 2.5 mm²	Stripping length	8 mm 10 mm	
Conductor cross section AWG min. Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible max. 25 mm²	Conductor cross section solid min.	0.14 mm²	
Conductor cross section AWG max. 12 Conductor cross section flexible min. 0.14 mm² Conductor cross section flexible max. 2.5 mm²	Conductor cross section solid max.	4 mm²	
Conductor cross section flexible min. Conductor cross section flexible max. 2.5 mm ²	Conductor cross section AWG min.	26	
Conductor cross section flexible max. 2.5 mm ²	Conductor cross section AWG max.	12	
	Conductor cross section flexible min.	0.14 mm²	
Min. AWG conductor cross section, flexible 26	Conductor cross section flexible max.	2.5 mm²	
	Min. AWG conductor cross section, flexible	26	



Technical data

Connection data

Max. AWG conductor cross section, flexible	14	
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²	
Conductor cross section solid min.	0.34 mm²	
Conductor cross section solid max.	4 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.34 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.34 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²	

Standards and Regulations

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

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50	
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

Drawings

Circuit diagram

1...4 1...6

А	n	n	ro	va	IS

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized



Approvals

Ex Approvals

Approval details

CSA (1)	http://www.csagroup.org/services-industries/product-listing/ 13631	
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	102 A	102 A
mm²/AWG/kcmil	14-2	14-2

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/L	ISEXT/1FRAME/index.htm FILE E 60425
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	102 A	102 A
mm²/AWG/kcmil	14-2	14-2

cUL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60	
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	102 A	102 A
mm²/AWG/kcmil	14-2	14-2

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm

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