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Feed-through terminal block, With breakout partition plate in the bridge shaft, nom. voltage: 1000 V, nominal current: 32 A, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section:0.14 mm² - 6 mm², AWG: 26 - 10, width: 6.2 mm, color: orange, mounting type: NS 35/7,5, NS 35/15



# **Key Commercial Data**

Packing unit	50 STK
GTIN	4 046356 055499
GTIN	4046356055499

#### Technical data

#### General

Note	Note. In order to use bridges, the panel on the bridge shaft must be removed.
Number of positions	1
Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	orange
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	T I
Maximum power dissipation for nominal condition	1.02 W
Maximum load current	41 A (with 6 mm² conductor cross section)
Nominal current I <sub>N</sub>	32 A (with 4 mm² conductor cross section)
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	Yes



# Technical data

### General

Back of the hand protection  Finger protection  Guaranteed  Finger protection  Guaranteed  Surge voltage test sepoint  Result of power-frequency withstand voltage test  Power frequency withstand voltage setpoint  Result of power-frequency withstand voltage setpoint  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of bending test  Bending test treation speed  10 rpm  Bending test trutas  Bending test trutas  Bending test conductor cross section/weight  10 rpm  Bending test conductor cross section/weight  10 rpm  Bending test conductor cross section weight  10 rpm  Bending test conductor cross section weight  10 rpm  Bending test conductor cross section weight  10 rpm  Bending test conductor cross section tensile test  10 rpm	Shock protection test specification	IEC 60529:2001-02	
Result of surge voltage test setpoint         9.8 kV           Surge voltage test setpoint         9.8 kV           Result of power-frequency withstand voltage setpoint         2.2 kV           Result of 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 tration speed         10 rpm           Bending test tration speed         0.14 mm² / 0.2 kg           Bending test conductor cross section/weight         0.14 mm² / 0.9 kg           Bending test result         Test passed           Conductor cross section tensile test         0.14 mm² / 0.9 kg           Conductor cross section tensile test         0.14 mm²           Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 N           Conductor cross section tensile test         7 mm²           Tractive force setpoint         80 N           Result of thight fit on support         Test passed           Test passed         Test passed <tr< td=""><td>Back of the hand protection</td><td>guaranteed</td></tr<>	Back of the hand protection	guaranteed	
Surge voltage test setpoint         9.8 kV           Result of 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 the test for mechanical stability of terminal points (5 x conductor connection)         Test passed           Bending test treation speed         10 rpm           Bending test trotation speed         0.14 rm² / 0.2 kg           Bending test conductor cross section/weight         0.14 rm² / 0.9 kg           Test passed         0.20 kg           Test passed         0.14 rm² / 0.2 kg           Test passed test result         0.14 rm² / 0.2 kg           Test passed         0.14 rm²           Conductor cross section tensile test         0.14 rm²           Conductor cross section tensile test         4 rm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 rm²           Tractive force setpoint         80 N           Result of tight fit on surport         Test passed           Tight fit on carrier         NS 35           Salpoint         1 N           Result of voltage-drop test         Test passed           Requirements, voltage drop         ≤ 2.2 rmV           Res	Finger protection	guaranteed	
Result of power-frequency withstand voltage setpoint 2.2 kV  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of bending test  Bending test totalion speed  Bending test turns  Bending test turns  Bending test conductor cross section/weight  0.14 mm² / 0.2 kg  4 mm² / 0.9 kg  6 mm²² / 1.4 kg  Tensile test result  Test passed  Conductor cross section tensile test  0.14 mm²  Tractive force setpoint  Conductor cross section tensile test  4 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  Tractive force setpoint  80 N  Result of the fit in support  Tight fit on carrier  NS 35  Setpoint  1 N  Result of voltage-drop test  Requirements, voltage drop  \$3.2 mV  Result of temperature-rise test  Test passed  Conductor cross section short circuit testing  \$4.4 mm²  Conductor cross section short circuit testing  \$5.5 mm²  Test passed  Test pas	Result of surge 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 trotation speed         10 rpm           Bending test trotation speed         0.14 mm² / 0.2 kg           Bending test conductor cross section/weight         0.14 mm² / 0.9 kg           Tensile test result         Test passed           Conductor cross section tensile test         0.14 mm²           Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 N           Result of tight fit on support         Test passed           Test passed         1 N           Result of tight fit on carrier         NS 35           Setpoint         Test passed           Result of totage-drop test         Test passed           Result of temperature-rise test         Test passed           Short-time current         0.48 kA           Conductor cross section short circuit testing         4 mm²           Short-time current         0.72 kA	Surge voltage test setpoint	9.8 kV	
Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of bending test  Bending test rotation speed  Bending test truns  Bending test truns  Bending test conductor cross section/weight  105  Bending test conductor cross section/weight  106  107  108  Bending test conductor cross section/weight  108  Conductor cross section tensile test  Conductor cross section tensile test  108  Conductor cross section tensile test  109  Conductor cross section tensile test  100  Conductor cross section section tensile test  100  Conductor cross section section tensile test  100  Conductor cross section short circuit testing  Conductor cross section short circuit te	Result of power-frequency withstand voltage test	Test passed	
conductor connection)         Test passed           Beautif of bending test         Test passed           Bending test totation speed         10 pm           Bending test turns         135           Bending test conductor cross section/weight         0.14 mm² / 0.2 kg           Femaly 1.4 kg         6 mm² / 1.4 kg           Tensile test result         7 set passed           Conductor cross section tensile test         0.14 mm²           Conductor cross section tensile test         4 mm²           Conductor cross section tensile test         60 N           Conductor cross section tensile test         6 mm²           Conductor cross section tensile test         6 mm²           Conductor cross section tensile test         6 mm²           Conductor cross section tensile test         80 N           Result of tight fit on support         Test passed           Tractive force setpoint         80 N           Result of tight fit on support         Test passed           Sepoint         1 N           Result of voltage-drop test         Test passed           Requirements, voltage drop         ≤ 3.2 mV           Result of temperature-rise test         Test passed           Conductor cross section short circuit testing         4 mm²           Short	Power frequency withstand voltage setpoint	2.2 kV	
Bending test turns         10 rpm           Bending test turns         135           Bending test conductor cross section/weight         0.14 mm² / 0.2 kg           4 mm² / 0.9 kg         6 mm² / 1.4 kg           Tensile test result         Test passed           Conductor cross section tensile test         0.14 mm²           Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 N           Conductor cross section tensile test         7 mm²           Tractive force setpoint         80 N           Result of light fit on support         Test passed           Tight fit on conserved         NS 35           Setpoint         1 N           Result of light fit on support         1 N           Result of voltage-drop test         Test passed           Requirements, voltage drop         < 3.2 mV		Test passed	
Bending test turns         135           Bending test conductor cross section/weight         0.14 mm² / 0.2 kg           4 mm² / 0.9 kg         6 mm² / 1.4 kg           Tensile test result         Test passed           Conductor cross section tensile test         0.14 mm²           Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 N           Result of tight fit on support         Test passed           Tractive force setpoint         NS 35           Result of tight fit on support         Test passed           Result of voltage-drop test         Test passed           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           Conductor cross section short circuit testing         4 mm²           Short-time current         0.48 kA           Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           Result of the	Result of bending test	Test passed	
Bending test conductor cross section/weight         0.14 mm² / 0.9 kg           4 mm² / 0.9 kg         6 mm² / 1.4 kg           Tensile test result         Test passed           Conductor cross section tensile test         0.14 mm²           Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 N           Result of light 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           Conductor cross section short circuit testing         4 mm²           Short-time current         0.48 kA           Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           Result of thermal test         Test passed           Proof of thermal characteristics (needle flame) effective duration         30 s           Os	Bending test rotation speed	10 rpm	
4 mm² / 0.9 kg	Bending test turns	135	
6 mm² / 1.4 kg	Bending test conductor cross section/weight	0.14 mm² / 0.2 kg	
Tensile test result         Test passed           Conductor cross section tensile test         0.14 mm²           Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 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           Conductor cross section short circuit testing         4 mm²           Short-time current         0.48 kA           Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           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):		4 mm² / 0.9 kg	
Conductor cross section tensile test         0.14 mm²           Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 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           Conductor cross section short circuit testing         4 mm²           Short-time current         0.48 kA           Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           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 frequency         f₁ = 5 Hz		6 mm <sup>2</sup> / 1.4 kg	
Tractive force setpoint         10 N           Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 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           Conductor cross section short circuit testing         4 mm²           Short-time current         0.48 kA           Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           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 50156 (VDE 0115-200):2008-03           Test spectrum         Service life test category 1, class B, body mounted           Test frequency	Tensile test result	Test passed	
Conductor cross section tensile test         4 mm²           Tractive force setpoint         60 N           Conductor cross section tensile test         6 mm²           Tractive force setpoint         80 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           Conductor cross section short circuit testing         4 mm²           Short-time current         0.48 kA           Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           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 1, class B, body mounted           Test frequency         f₁ = 5 Hz to f₂ = 150 Hz           ASD level<	Conductor cross section tensile test	0.14 mm²	
Tractive force setpoint  Conductor cross section tensile test  6 mm²  Tractive force setpoint  Result of tight fit on support  Test passed  Tight fit on carrier  NS 35  Setpoint  Result of voltage-drop test  Requirements, voltage drop  Result of temperature-rise test  Test passed  Short circuit stability result  Test passed  Conductor cross section short circuit testing  Short-time current  O.48 kA  Conductor cross section short circuit testing  Short-time current  O.72 kA  Result of thermal test  Test passed  Test passed  Oscillation, broadband noise test result  Test passed  Service life test category 1, class B, body mounted  Test frequency  ASD level  Oli Nima  Short circuit sables  For to fize 150 Hz  Service life test category 1, class B, body mounted  Test frequency  Fig. 5 Hz to fize 150 Hz  ASD level	Tractive force setpoint	10 N	
Conductor cross section tensile test       6 mm²         Tractive force setpoint       80 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 $\leq 3.2  \text{mV}$ Result of temperature-rise test       Test passed         Short circuit stability result       Test passed         Conductor cross section short circuit testing       4 mm²         Short-time current       0.48 kA         Conductor cross section short circuit testing       6 mm²         Short-time current       0.72 kA         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 1, class B, body mounted         Test frequency $f_1$ = 5 Hz to $f_2$ = 150 Hz         ASD level       1.857 (m/s²)²/Hz	Conductor cross section tensile test	4 mm²	
Tractive force setpoint       80 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         Conductor cross section short circuit testing       4 mm²         Short-time current       0.48 kA         Conductor cross section short circuit testing       6 mm²         Short-time current       0.72 kA         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 1, class B, body mounted         Test frequency $f_1$ = 5 Hz to $f_2$ = 150 Hz         ASD level       1.857 (m/s²²²/Hz	Tractive force setpoint	60 N	
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Tight fit on carrierNS 35Setpoint1 NResult of voltage-drop testTest passedRequirements, voltage drop≤ 3.2 mVResult of temperature-rise testTest passedShort circuit stability resultTest passedConductor cross section short circuit testing4 mm²Short-time current0.48 kAConductor cross section short circuit testing6 mm²Short-time current0.72 kAResult of thermal testTest passedProof of thermal characteristics (needle flame) effective duration30 sOscillation, broadband noise test resultTest passedTest specification, oscillation, broadband noiseDIN EN 50155 (VDE 0115-200):2008-03Test spectrumService life test category 1, class B, body mountedTest frequency $f_1$ = 5 Hz to $f_2$ = 150 HzASD level1.857 (m/s²²/Hz	Tractive force setpoint	80 N	
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       Conductor cross section short circuit testing     4 mm²       Short-time current     0.48 kA       Conductor cross section short circuit testing     6 mm²       Short-time current     0.72 kA       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 1, class B, body mounted       Test frequency     f₁ = 5 Hz to f₂ = 150 Hz       ASD level     1.857 (m/s²)²/Hz	Result of tight fit on support	Test passed	
Result of voltage-drop test  Requirements, voltage drop  ≤ 3.2 mV  Result of temperature-rise test  Test passed  Short circuit stability result  Test passed  Conductor cross section short circuit testing  4 mm²  Short-time current  0.48 kA  Conductor cross section short circuit testing  6 mm²  Short-time current  0.72 kA  Result of thermal test  Test passed  7 test passed  Conductor cross section short circuit testing  6 mm²  Nort-time current  7 test passed  Result of thermal test  Test passed  Test specification, broadband noise test result  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 1, class B, body mounted  Test frequency  ASD level  1.857 (m/s²)²/Hz	Tight fit on carrier	NS 35	
Requirements, voltage drop $\leq 3.2  \text{mV}$ Result of temperature-rise testTest passedShort circuit stability resultTest passedConductor cross section short circuit testing $4  \text{mm}^2$ Short-time current $0.48  \text{kA}$ Conductor cross section short circuit testing $6  \text{mm}^2$ Short-time current $0.72  \text{kA}$ Result of thermal testTest passedProof of thermal characteristics (needle flame) effective duration $30  \text{s}$ Oscillation, broadband noise test resultTest passedTest specification, oscillation, broadband noiseDIN EN 50155 (VDE 0115-200):2008-03Test spectrumService life test category 1, class B, body mountedTest frequency $f_1 = 5  \text{Hz} \text{ to } f_2 = 150  \text{Hz}$ ASD level $1.857  (\text{m/s}^2)^2/\text{Hz}$	Setpoint	1 N	
Result of temperature-rise test  Test passed  Short circuit stability result  Conductor cross section short circuit testing  Short-time current  0.48 kA  Conductor cross section short circuit testing  6 mm²  Short-time current  0.72 kA  Result of thermal test  Test passed  Proof of thermal characteristics (needle flame) effective duration  Oscillation, broadband noise test result  Test passed  Test passed  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 1, class B, body mounted  Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level  1.857 $(\text{m/s}^2)^2/\text{Hz}$	Result of voltage-drop test	Test passed	
Short circuit stability result  Conductor cross section short circuit testing $4 \text{ mm}^2$ Short-time current $0.48 \text{ kA}$ Conductor cross section short circuit testing $6 \text{ mm}^2$ Short-time current $0.72 \text{ kA}$ Result of thermal test  Proof of thermal characteristics (needle flame) effective duration $0.80 \text{ colliation}$ , broadband noise test result  Test passed  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 1, class B, body mounted  Test frequency $1.857 \text{ (m/s}^2)^2/\text{Hz}$	Requirements, voltage drop	≤ 3.2 mV	
Conductor cross section short circuit testing  Short-time current  0.48 kA  Conductor cross section short circuit testing  6 mm²  Short-time current  0.72 kA  Result of thermal test  Test passed  Proof of thermal characteristics (needle flame) effective duration  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 1, class B, body mounted  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level  1.857 (m/s²)²/Hz	Result of temperature-rise test	Test passed	
Short-time current 0.48 kA  Conductor cross section short circuit testing 6 mm²  Short-time current 0.72 kA  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 1, class B, body mounted  Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level 1.857 $(\text{m/s}^2)^2/\text{Hz}$	Short circuit stability result	Test passed	
Conductor cross section short circuit testing $6 \text{ mm}^2$ Short-time current $0.72 \text{ kA}$ Result of thermal testTest passedProof of thermal characteristics (needle flame) effective duration $30 \text{ s}$ Oscillation, broadband noise test resultTest passedTest specification, oscillation, broadband noiseDIN EN 50155 (VDE 0115-200):2008-03Test spectrumService life test category 1, class B, body mountedTest frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level $1.857 \text{ (m/s}^2)^2/\text{Hz}$	Conductor cross section short circuit testing	4 mm²	
Short-time current 0.72 kA  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 1, class B, body mounted  Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level 1.857 $(\text{m/s}^2)^2/\text{Hz}$	Short-time current	0.48 kA	
Result of thermal testTest passedProof of thermal characteristics (needle flame) effective duration $30 \text{ s}$ Oscillation, broadband noise test resultTest passedTest specification, oscillation, broadband noiseDIN EN 50155 (VDE 0115-200):2008-03Test spectrumService life test category 1, class B, body mountedTest frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level $1.857 \text{ (m/s}^2)^2/\text{Hz}$	Conductor cross section short circuit testing	6 mm²	
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 1, class B, body mounted  Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level 1.857 $(\text{m/s}^2)^2/\text{Hz}$	Short-time current	0.72 kA	
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 1, class B, body mounted  Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level  1.857 $(\text{m/s}^2)^2/\text{Hz}$	Result of thermal test	Test passed	
Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum Service life test category 1, class B, body mounted  Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level 1.857 $(\text{m/s}^2)^2/\text{Hz}$	Proof of thermal characteristics (needle flame) effective duration	30 s	
Test spectrum  Service life test category 1, class B, body mounted $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level  1.857 (m/s <sup>2</sup> ) <sup>2</sup> /Hz	Oscillation, broadband noise test result	Test passed	
Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ ASD level $1.857 \text{ (m/s}^2)^2/\text{Hz}$	Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03	
ASD level 1.857 (m/s²)²/Hz	Test spectrum	Service life test category 1, class B, body mounted	
* 1	Test frequency	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz	
Acceleration	ASD level	1.857 (m/s²)²/Hz	
Acceleration U.O g	Acceleration	0,8 g	

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# Technical data

### General

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	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

#### **Dimensions**

Width	6.2 mm
End cover width	2.2 mm
Length	47.7 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

#### Connection data

Screw connection	
IEC 60947-7-1	
0.14 mm²	
6 mm²	
26	
10	
0.14 mm²	
6 mm²	
26	
10	
0.14 mm²	
4 mm²	
0.14 mm²	
4 mm²	
0.14 mm²	
1.5 mm²	
0.14 mm²	
1.5 mm²	
0.5 mm²	
2.5 mm²	
0.14 mm²	



# Technical data

### Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

### Standards and Regulations

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

# **Environmental Product Compliance**

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

		For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
Approvals		
Approvals		
Approvals		
EAC / EAC		
Ex Approvals		
Approval details		
EAC	EAC	EAC-Zulassung

EAC RU C-DE.A\*30.B.01742



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