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Installation terminal block, Push-in connection, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, Width: 8.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

#### **Product Features**

- Compatible with all Phoenix Contact installation terminal blocks
- Each terminal point can be clearly labeled and easily recognized in every terminal block mounting position
- As well as the testing facility in the function shaft, each terminal point has a test contact
- Compact design tailored to installation distributors
- The new Push-in connection technology enables easy, direct insertion of solid and stranded conductors with ferrules with a cross section of 0.34 mm² or higher



### **Key Commercial Data**

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	16.4 g
Custom tariff number	85369010
Country of origin	Poland

#### Technical data

#### General

Note	Assembly instruction: In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.  The corresponding support brackets can be found at phoenixcontact.net/ products
Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	6 mm²



## Technical data

### General

Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	41 A (with 6 mm² conductor cross section)
	51 A (with 10 mm² conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	41 A (with 6 mm² conductor cross section)
	51 A (with 10 mm² conductor cross section)
Nominal current I <sub>N</sub>	41 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	Yes
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 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	0.5 mm² / 0.3 kg
	6 mm <sup>2</sup> / 1.4 kg
	10 mm² / 2 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.5 mm²
Tractive force setpoint	20 N
Conductor cross section tensile test	4 mm²
Tractive force setpoint	80 N
Conductor cross section tensile test	10 mm²
Tractive force setpoint	90 N
Result of tight fit on support	Test passed



## Technical data

### General

Setpoint         5 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         6 mm²           Short-time current         0.72 kA           Conductor cross section short circuit testing         10 mm²           Short-time current         1.2 kA           Result of gaing test         Test passed           Ageing test for screwless modular terminal block temperature cycles         192           Result of thermal test         Test passed           Proof 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, proadband noise         DIN EN 50155 (VDE 0115-200):2008-03           Test specification, oscillation, broadband noise         En vice life test category 2, bogie mounted           Test specification, oscillation, broadband noise         5.12 (m/s²)²/Hz           ASD level         6.12 (m/s²)²/Hz           Acceleration         3.12 g           Test duration per axis         5	Tight fit on carrier	NS 35
Requirements, voltage drop  Result of temperature-rise test  Test passed  Test passed  Conductor cross section short circuit testing  Test passed  Conductor cross section short circuit testing  10 mm²  Short-time current  1.2 kA  Result of aging test  Ageing test for screwless modular terminal block temperature cycles  Result of thermal test  Test passed  Proof of thermal characteristics (needle flame) effective duration  30 s  Oscillation, broadband noise test result  Test passed  Proof of thermal characteristics (needle flame) effective duration  Service life test category 2, bogie mounted  Test specification, oscillation, broadband noise  Conductor cross section short circuit testing  Test specification, scillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test specification, oscillation, broadband noise  Conductor cross section short circuit testing  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ACCELERATION  ACCELERATION  ACCELERATION  Test directions  X, Y and Z-axis  Shock test result  Test spassed  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  ACCELERATION  ACCELERATION material temperature index (Elec., UL 746 B)  Test directions  X, Y and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Test of C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	Setpoint	5 N
Result of temperature-rise test Short circuit stability result Test passed Conductor cross section short circuit testing Short-lime current O.72 kA Conductor cross section short circuit testing 10 mm² Short-lime current 1.2 kA Result of aging test Test passed Ageing test for screwless modular terminal block temperature cycles 192 Result of thermal 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 spassed Test spectrum Service life test category 2, bogie mounted Test spectrum Service life test category 2, bogie mounted Test frequency f, = 5 Hz to f, = 250 Hz ASD level 6.12 (m/s²)²/Hz ASCeleration 3.12 g Test duration per axis Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03 Shock form Half-sine Acceleration 30 g 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) Tent pareature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Result of voltage-drop test	Test passed
Short circuit stability result         Test passed           Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           Conductor cross section short circuit testing         10 mm²           Short-time current         1.2 kA           Result of aging test         Test passed           Ageing test for screwless modular terminal block temperature cycles         192           Result of thermal characteristics (needle flame) effective duration         30 s           Oscillation, broadband noise test result         Test passed           Proof of thermal characteristics (needle flame) effective duration         30 s           Oscillation, broadband noise test result         Test passed           Test spectfraction, oscillation, broadband noise         DIN EN 50155 (VDE 0115-200):2008-03           Test spectfram         Service life test category 2, bogie mounted           Test frequency         f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz           ASD level         6.12 (m/s²²²/Hz           Acceleration         3.12 g           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	Requirements, voltage drop	≤ 3.2 mV
Conductor cross section short circuit testing         6 mm²           Short-time current         0.72 kA           Conductor cross section short circuit testing         10 mm²           Short-time current         1.2 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 spassed           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, = 5 Hz to f <sub>2</sub> = 250 Hz           ASD level         6.12 (m/s²²)*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	Result of temperature-rise test	Test passed
Short-time current         0.72 kA           Conductor cross section short circuit testing         10 mm²           Short-time current         1.2 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 specification, oscillation, broadband noise         DIN En 50155 (VDE 0115-200):2008-03           Test specification, oscillation, broadband noise         Service life test category 2, bogie mounted           Test specification, oscillation, broadband noise         Service life test category 2, bogie mounted           Test specification operacia         6.12 (m/s³)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 passed         DIN EN 50155 (VDE 0115-200):2008-03           Shock form         Half-sine           Acceleration         30g	Short circuit stability result	Test passed
Conductor cross section short circuit testing 10 mm²  Short-time current 1.2 kA  Result of aging test 7 test passed 192  Result of thermal test 7 test passed 192  Result of thermal test 7 test passed 192  Proof of thermal characteristics (needle flame) effective duration 30 s  Oscillation, broadband noise test result 7 test passed 191 test spassed 192  Test spassed 9 test foscillation, broadband noise test result 8 test passed 191 test passed 191 test spassed 191 test specification, oscillation, broadband noise 191 test specification 191 test of 2 = 250 Hz 191 test of 2 =	Conductor cross section short circuit testing	6 mm²
Short-time current Result of aging test Result of aging test Ageing test for screwless modular terminal block temperature cycles Result of thermal test 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 specification, oscillation, broadband noise Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test frequency Service life test category 2, bogie mounted Test passed Test specification, socialition per avis	Short-time current	0.72 kA
Result of aging test Ageing test for screwless modular terminal block temperature cycles 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 2, bogie mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz ASD level 6.12 (m/s²)²/Hz Acceleration 3.12 g Test duration per axis 5 h Test directions X-, Y- and Z-axis Shock test result Test passed DIN EN 50155 (VDE 0115-200):2008-03 Test passed Te	Conductor cross section short circuit testing	10 mm <sup>2</sup>
Ageing test for screwless modular terminal block temperature cycles Result of thermal test 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 2, bogie mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz ASD level 6.12 (m/s²)²/Hz Acceleration 3.12 g Test duration per axis 5 h Test directions X-, Y- and Z-axis Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03 Shock form Half-sine Acceleration 30 g 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) Test of test passed Test of the control of the c	Short-time current	1.2 kA
Result of thermal test 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 2, bogie mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz ASD level 6.12 (m/s²)²/Hz Acceleration 3.12 g Test duration per axis 5 h Test directions X-, Y- and Z-axis Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03 Test duration, broadband noise Test passed Test duration per axis 5 h Test duration per axis Test passed Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03 Shock form Half-sine Acceleration 30 g 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) Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Result of aging test	Test passed
Proof of thermal characteristics (needle flame) effective duration  Oscillation, broadband noise test result  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 <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s²²²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  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  Relative insulation material temperature index (Elec., UL 746 B)  Test passed  Test passed  125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	Ageing test for screwless modular terminal block temperature cycles	192
Oscillation, broadband noise test result  Test passed  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 2, bogie mounted  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s²²²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  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  Relative insulation material temperature index (Elec., UL 746 B)  Test passed- Test passed (Elec., UL 746 B)  Test of passed (Elec., UL	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 2, bogie mounted  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Acceleration  3.0g  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)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Test directions  X-, Y- and Z-axis (pos. and neg.)	Proof of thermal characteristics (needle flame) effective duration	30 s
Test spectrum  Fest frequency  Fine S Hz to fine 2 = 250 Hz  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  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 (x, Y- and Z-axis (pos. and neg.))  Relative insulation material temperature index (Elec., UL 746 B)  Test frequency  fine S Hz to fine 2 = 250 Hz  6.12 (m/s²)²/Hz  Acy - and Z-axis  Shock off  Acy - and Z-axis  Shock off  X-, Y- and Z-axis (pos. and neg.)  Test directions  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Test directions  Test direct	Oscillation, broadband noise test result	Test passed
Test frequency $f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$ ASD level $6.12 \text{ (m/s}^2)^2 \text{Hz}$ Acceleration $3.12 \text{ g}$ Test duration per axis $5 \text{ h}$ Test directions $X_2 \text{ Y- and } Z_2 \text{ axis}$ Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03  Shock form Half-sine  Acceleration $30\text{ g}$ Shock duration $18 \text{ ms}$ Number of shocks per direction $30\text{ g}$ Test directions $X_2 \text{ Y- and } Z_2 \text{ axis}$ Test directions $30\text{ g}$ Shock in the second $30\text{ g}$ Shock duration $30\text{ g}$ Shock duration $30\text{ g}$ Shock and $30\text{ g}$ Test directions $30\text{ g}$ Test	Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
ASD level 6.12 (m/s²)²/Hz  Acceleration 3.12 g  Test duration per axis 5 h  Test directions X-, Y- and Z-axis  Shock test result 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) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test spectrum	Service life test category 2, bogie mounted
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) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$
Test duration per axis  Test directions  X-, Y- and Z-axis  Shock test result  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  7 est directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	ASD level	6.12 (m/s²)²/Hz
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) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Acceleration	3.12 g
Shock test result 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) Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test duration per axis	5 h
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)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	Test directions	X-, Y- and Z-axis
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) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Shock test result	Test passed
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) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
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) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Shock form	Half-sine
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) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Acceleration	30g
Test directions X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B) 125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Shock duration	18 ms
Relative insulation material temperature index (Elec., UL 746 B)  125 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Number of shocks per direction	3
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test directions	X-, Y- and Z-axis (pos. and neg.)
	Relative insulation material temperature index (Elec., UL 746 B)	125 °C
Static insulating material application in cold -60 °C	Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
	Static insulating material application in cold	-60 °C

### Dimensions

Width	8.2 mm
End cover width	2.2 mm
Length	66 mm



## Technical data

#### Dimensions

Height	48.50 mm
Height NS 35/7,5	50 mm
Height NS 35/15	57.5 mm

#### Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	6 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 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
Stripping length	12 mm
Internal cylindrical gage	A5

## Standards and Regulations

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

## Classifications

## eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120



## Classifications

- 01	← -	
<b>A</b> ( )	(a)55	3

eCl@ss 8.0	27141125	
ETIM		
ETIM 4.0	EC000897	
ETIM 5.0	EC001329	
UNSPSC		
UNSPSC 6.01	30211811	
UNSPSC 7.0901	39121410	
UNSPSC 11	39121410	
UNSPSC 12.01	39121410	
UNSPSC 13.2	39121410	

## Approvals

### Approvals

Approvals

GL / VDE Zeichengenehmigung / IECEE CB Scheme / LR / EAC

Ex Approvals

Approvals submitted

## Approval details

GL

VDE Zeichengenehmigung	
mm²/AWG/kcmil	0.5-10.0
Nominal current IN	41 A
Nominal voltage UN	800 V



## Approvals

IECEE CB Scheme CB.	
mm²/AWG/kcmil	0.5-6.0

LR
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EAC

## Drawings

Circuit diagram

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