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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 57 A, connection method: Screw connection, number of connections: 2, cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, width: 10.2 mm, height: 46.9 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Your advantages

- The large wiring space enables the connection of solid and stranded conductors without ferrules, even above the nominal cross section
- As well as saving space, the compact design enables user-friendly wiring in a small amount of space
- The cable entry funnel enables the use of conductors with ferrules and plastic collars within the nominal cross section
- ▼ Tested for railway applications





Key Commercial Data

Packing unit	50 pc
GTIN	4 017918 960445
GTIN	4017918960445
Weight per Piece (excluding packing)	16.900 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	10 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry



Technical data

General

Plant engineering Process industry Rated surge voltage B kV Degree of pollution 3 Overvoltage category III Insulating material group III III III Maximum load current III III III III III III III III III I		Machine building
Rated surge voltage B kV Degree of pollution Overvoltage category Ill Insulating material group Ill Maximum power dissipation for nominal condition 1.82 W Maximum load current 76 A (with 16 mm² conductor cross section) Nominal current I₂ Nominal voltage U₂ Open side panel Yes 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 Result of power-frequency withstand voltage test Test passed Test passed Test passed Result of flexion and pull-out test Test passed Bending test rotation speed Bending test rotation speed Bending test rotation speed In mm² 1.2 kg Tensile test result Test passed Conductor cross section tensile test Test passed Conductor cross section tensile test Tractive force setpoint Conductor cross section tensile test Tractive force setpoint Conductor cross section tensile test Tractive force setpoint Pon N Conductor cross section tensile test Tractive force setpoint NS 35 Setpoint Result of vidage-drop test Test passed Requirements, voltage drop U : ≤ 3.2 mV; U₂ ≤ 1.5 x U, Result of temperature ≤ 45 K		Plant engineering
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Insulating material group Maximum power dissipation for nominal condition 1.82 W Maximum load current 76 A (with 16 mm² conductor cross section) Nominal current I _N Nominal outrent I _N Nomi	Degree of pollution	3
Maximum power dissipation for nominal condition 1.82 W Maximum load current 76 A (with 16 mm² conductor cross section) Nominal voltage U _N 1000 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 3.6 kV Result of power-frequency withstand voltage test Test passed Result of flexion and pull-out test Test passed Bending test rotation speed 10 rpm Bending test truns 135 Bending test conductor cross section/weight 0.5 mm² / 0.3 kg Tensile test result Test passed Conductor cross section tensile test 0.5 mm² Tractive force setpoint 20 N Conductor cross section tensile test 10 mm² Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Test passed	Overvoltage category	III
Maximum load current I _N Nominal current I _N Nominal voltage U _N Open side panel Shock protection test specification Back of the hand protection Back of the hand protection Back of the hand protection Back of the shand protection Guaranteed Finger protection Finger protection Result of surge voltage test setpoint 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 flexion and pull-out test Bending test rotation speed Bending test truns Bending test tonductor cross section/weight 10 mm² / 2 kg Test passed Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test Tractive force setpoint So N Conductor cross section tensile test Tractive force setpoint Conductor cross section tensile test Tractive force setpoint Tractive force setpoint Conductor cross section tensile test Tractive force setpoint Tr	Insulating material group	I
Nominal current I _N 57 A Nominal voltage U _N 1000 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 Result of surge voltage test Test passed Surge voltage test setpoint 9.6 kV Result of power-frequency withstand voltage test Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of flexion and pull-out test Test passed Bending test rotation speed 10 rpm Bending test conductor cross section/weight 0.5 mm² / 0.3 kg Tensile test result Test passed Conductor cross section tensile test 0.5 mm² Tractive force setpoint 20 N Conductor cross section tensile test 10 mm² Tractive force setpoint 90 N Conductor cross section tensile test 16 mm² Tractive force setpoint 100 N Result of tight fit on support Test passed Result of voltage-drop test Test passed Result of temperature-rise test Test passed	Maximum power dissipation for nominal condition	1.82 W
Nominal voltage U _N Open side panel Yes Shock protection test specification Back of the hand protection Back of the hand prot	Maximum load current	76 A (with 16 mm² conductor cross section)
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 9.6 kV Result of power-frequency withstand voltage test Test passed Result of power-frequency withstand voltage test Test passed Result of flexion and pull-out 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 Tensile test result Test passed Conductor cross section tensile test 0.5 mm² Tractive force setpoint 20 N Conductor cross section tensile test 10 mm² Tractive force setpoint 90 N Conductor cross section tensile test 16 mm² Tractive force setpoint 90 N Conductor cross section tensile test 16 mm² Tractive force setpoint 80 N Conductor cross section tensile test 15 ms² Tractive force setpoint 100	Nominal current I _N	57 A
Shock protection test specification Back of the hand protection Back of the hand protection guaranteed Finger protection Result of surge voltage test Test passed Surge voltage test setpoint Result of power-frequency withstand voltage test Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of flexion and pull-out test Bending test rotation speed Bending test rotation speed 10 rpm Bending test conductor cross section/weight 10 rpm 135 Bending test rosult Conductor cross section tensile test 10 rm² / 2 kg Tensile test result Test passed Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 100 mm² Tractive force setpoint Tractive force setpoint 100 N Result of tight fit on support Test passed Result of voltage-drop test Result of voltage-drop test Result of temperature-rise test Test passed Test passed	Nominal voltage U _N	1000 V
Back of the hand protection Finger protection Result of surge voltage test Gugaranteed Result of surge voltage test Test passed Surge voltage test setpoint 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 flexion and pull-out test Bending test rotation speed Bending test turns Bending test conductor cross section/weight 10 rpm Bending test routlctor cross section/weight 10 rm² / 2 kg Tensile test result Conductor cross section tensile test 0.5 mm² Tractive force setpoint 20 N Conductor cross section tensile test 10 mm² Tractive force setpoint 90 N Conductor cross section tensile test 15 mm² Tractive force setpoint 100 N Result of tight fit on support Test passed Test passed Test passed Test passed Test passed Tractive force setpoint 100 N Result of tight fit on support Test passed Requirements, voltage drop 1, ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Requirement temperature-rise test Increase in temperature ≤ 45 K	Open side panel	Yes
Finger protection Result of surge voltage test Surge voltage test setpoint Result of power-frequency withstand voltage test Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of flexion and pull-out test Bending test rotation speed Bending test rotation speed Bending test conductor cross section/weight 10 mm² / 2 kg Tensile test result Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Pon N Conductor cross section tensile test 10 mm² Tractive force setpoint Pon N Conductor cross section tensile test 10 mm² Tractive force setpoint Pon N Conductor cross section tensile test 100 N Result of tight fit on surport Tight fit on carrier NS 35 Setpoint Fest passed Requirements, voltage drop U₁ ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Increase in temperature ≤ 45 K	Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
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Surge voltage test setpoint Result of power-frequency withstand voltage test Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of flexion and pull-out test Bending test rotation speed Bending test turns Bending test conductor cross section/weight 10 pm Bending test conductor cross section/weight 10 mm² / 2 kg Test passed Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Ton the force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint Ton N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop U₁ ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Requirement temperature ≤ 45 K	Finger protection	guaranteed
Result of power-frequency withstand voltage test Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of flexion and pull-out test Bending test rotation speed Bending test turns Bending test conductor cross section/weight 10 rpm Bending test conductor cross section/weight 10 mm² / 2 kg Tensile test result Conductor cross section tensile test 0.5 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop U 1 ≤ 3.2 mV; U2 ≤ 1.5 x U1 Result of temperature-rise test Requirement temperature-rise test Increase in temperature ≤ 45 K	Result of surge voltage test	Test passed
Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of flexion and pull-out test Bending test rotation speed Bending test turns Bending test conductor cross section/weight 10 rpm Bending test conductor cross section/weight 0.5 mm² / 0.3 kg 10 mm² / 2 kg Tensile test result Test passed Conductor cross section tensile test 0.5 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint 90 N Conductor cross section tensile test 16 mm² Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Requirements, voltage drop U₁ ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Increase in temperature ≤ 45 K	Surge voltage test setpoint	9.6 kV
conductor connection) Result of flexion and pull-out test Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 0.5 mm² / 0.3 kg 10 mm² / 2 kg Tensile test result Conductor cross section tensile test 0.5 mm² Tractive force setpoint Conductor cross section tensile test 10 mm² Tractive force setpoint 90 N Conductor cross section tensile test 16 mm² Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Requirements, voltage drop U₁ ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Increase in temperature ≤ 45 K	Result of power-frequency withstand voltage test	Test passed
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Bending test turns135Bending test conductor cross section/weight $0.5 \text{ mm}^2 / 0.3 \text{ kg}$ Tensile test resultTest passedConductor cross section tensile test 0.5 mm^2 Tractive force setpoint 20 N Conductor cross section tensile test 10 mm^2 Tractive force setpoint 90 N Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on supportTest passedTight fit on carrierNS 35Setpoint 5 N Result of voltage-drop testTest passedRequirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \times U_1$ Result of temperature-rise testTest passedRequirement temperature-rise testIncrease in temperature ≤ 45 K	Result of flexion and pull-out test	Test passed
Bending test conductor cross section/weight $0.5 \text{ mm}^2 / 0.3 \text{ kg}$ $10 \text{ mm}^2 / 2 \text{ kg}$ Tensile test result Test passed Conductor cross section tensile test 0.5 mm^2 Tractive force setpoint 20 N Conductor cross section tensile test 10 mm^2 Tractive force setpoint 90 N Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop $U_1 \le 3.2 \text{ mV}; U_2 \le 1.5 \text{ x U}_1$ Result of temperature-rise test Requirement temperature-rise test Increase in temperature $\le 45 \text{ K}$	Bending test rotation speed	10 rpm
	Bending test turns	135
Tensile test result Test passed Conductor cross section tensile test 0.5 mm^2 Tractive force setpoint 20 N Conductor cross section tensile test 10 mm^2 Tractive force setpoint 90 N Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Test passed Requirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \text{ x } U_1$ Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature ≤ 45 K	Bending test conductor cross section/weight	0.5 mm² / 0.3 kg
Conductor cross section tensile test 0.5 mm^2 Tractive force setpoint 20 N Conductor cross section tensile test 10 mm^2 Tractive force setpoint 90 N Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Test passed Requirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \text{ x } U_1$ Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature ≤ 45 K		10 mm² / 2 kg
Tractive force setpoint 20 N Conductor cross section tensile test 10 mm^2 Tractive force setpoint 90 N Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Test passed Requirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \times U_1$ Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature ≤ 45 K	Tensile test result	Test passed
Conductor cross section tensile test 10 mm^2 Tractive force setpoint 90 N Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Test passed Requirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \text{ x } U_1$ Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature ≤ 45 K	Conductor cross section tensile test	0.5 mm²
Tractive force setpoint 90 N Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Test passed Requirements, voltage drop U₁ ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature ≤ 45 K	Tractive force setpoint	20 N
Conductor cross section tensile test 16 mm^2 Tractive force setpoint 100 N Result of tight fit on supportTest passedTight fit on carrierNS 35Setpoint 5 N Result of voltage-drop testTest passedRequirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \times U_1$ Result of temperature-rise testTest passedRequirement temperature-rise testIncrease in temperature $\le 45 \text{ K}$	Conductor cross section tensile test	10 mm²
Tractive force setpoint 100 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 5 N Result of voltage-drop test Test passed Requirements, voltage drop U₁ ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature ≤ 45 K	Tractive force setpoint	90 N
Result of tight fit on supportTest passedTight fit on carrierNS 35Setpoint 5 N Result of voltage-drop testTest passedRequirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \times U_1$ Result of temperature-rise testTest passedRequirement temperature-rise testIncrease in temperature $\le 45 \text{ K}$	Conductor cross section tensile test	16 mm²
Tight fit on carrierNS 35Setpoint5 NResult of voltage-drop testTest passedRequirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \text{ x } U_1$ Result of temperature-rise testTest passedRequirement temperature-rise testIncrease in temperature $\le 45 \text{ K}$	Tractive force setpoint	100 N
Setpoint 5 N Result of voltage-drop testTest passedRequirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \times U_1$ Result of temperature-rise testTest passedRequirement temperature-rise testIncrease in temperature $\le 45 \text{ K}$	Result of tight fit on support	Test passed
Result of voltage-drop test Test passed Requirements, voltage drop $U_1 \le 3.2 \text{ mV}$; $U_2 \le 1.5 \text{ x } U_1$ Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature $\le 45 \text{ K}$	Tight fit on carrier	NS 35
	Setpoint	5 N
Result of temperature-rise test Test passed Requirement temperature-rise test Increase in temperature ≤ 45 K	Result of voltage-drop test	Test passed
Requirement temperature-rise test Increase in temperature ≤ 45 K	Requirements, voltage drop	$U_1 \le 3.2 \text{ mV}; \ U_2 \le 1.5 \text{ x } U_1$
	Result of temperature-rise test	Test passed
Short circuit stability result Test passed	Requirement temperature-rise test	Increase in temperature ≤ 45 K
	Short circuit stability result	Test passed
Conductor cross section short circuit testing 10 mm ²	Conductor cross section short circuit testing	10 mm²



Technical data

General

Short-time current	1.2 kA
Result of thermal test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Ageing test for screwless modular terminal block temperature cycles	192
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2018-05
Test spectrum	Service life test category 2, bogie-mounted
Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$
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))	125 °C
Static insulating material application in cold	-60 °C
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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	10.2 mm
End cover width	2.2 mm
Length	47.7 mm
Height	46.9 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Connection method	Screw connection
Screw thread	M4



Technical data

Connection data

Stripping length	10 mm
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
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.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	16 mm²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm²
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	6 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.5 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	2.5 mm ²
Internal cylindrical gage	A6

Ambient conditions

Operating temperature	-60 °C 105 °C (max. short-term operating temperature 130°C)
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % 70 %
Ambient temperature (assembly)	-5 °C 70 °C
Ambient temperature (actuation)	-5 °C 70 °C

Standards and Regulations

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



Technical data

Environmental Product Compliance

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

Drawings

Circuit diagram

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Classifications

eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 11.0	27141120
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCI@ss 7.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 6.0	EC000897
ETIM 7.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410



Approvals

Approvals

Approvals

DNV GL / CSA / PRS / UL Recognized / cUL Recognized / RS / IECEE CB Scheme / VDE Zeichengenehmigung / cULus Recognized

Ex Approvals

IECEx / EAC Ex / NEPSI / ATEX

Approval details

DNV GL https://approvalfinder.dnvgl.com/ TAE00001S9

CSA	(P	http://www.csagroup.org/services-indu	stries/product-listing/ 13631
		В	С
Nominal voltage UN		600 V	600 V
Nominal current IN		65 A	65 A
mm²/AWG/kcmil		20-6	20-6

PRS http://www.prs.pl/ TE/2156/880590/17

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	В	С	
Nominal voltage UN	600 V	600 V	
Nominal current IN	65 A	65 A	
mm²/AWG/kcmil	20-6	20-6	

cUL 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	65 A	65 A



Approvals

	В	С
mm²/AWG/kcmil	20-6	20-6

RS	http://www.rs-head.spb.ru/en/index.php	17.00013.272
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IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-63061
Nominal voltage UN		1000 V	
Nominal current IN		57 A	
mm²/AWG/kcmil		10	

VDE Zeichengenehmigung	₽ YE	http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx		40013658
Nominal voltage UN			1000 V	
Nominal current IN			57 A	
mm²/AWG/kcmil			0.5-10	

cULus Recognized CTUs

Accessories

Accessories

DIN rail

DIN rail perforated - NS 35/7,5 PERF 2000MM - 0801733



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver



Accessories

DIN rail, unperforated - NS 35/7,5 UNPERF 2000MM - 0801681



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/7,5 WH PERF 2000MM - 1204119



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/7,5 WH UNPERF 2000MM - 1204122



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

DIN rail perforated - NS 35/7,5 ZN PERF 2000MM - 1206421



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver



Accessories

DIN rail, unperforated - NS 35/7,5 ZN UNPERF 2000MM - 1206434



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/7,5 CU UNPERF 2000MM - 0801762



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/7,5 CAP - 1206560

DIN rail end piece, for DIN rail NS 35/7.5



DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver



Accessories

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver



Accessories

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, unperforated, Standard profile 2.3 mm, width: 35 mm, height: 15 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

End block

End clamp - E/AL-NS 35 - 1201662



End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum

End cover

End cover - D-UT 2,5/10 - 3047028



End cover, length: 47 mm, width: 2.2 mm, height: 39.8 mm, color: gray

Jumper



Accessories

Plug-in bridge - FBS 2-10 - 3005947



Plug-in bridge, pitch: 10.2 mm, number of positions: 2, color: red

Plug-in bridge - FBS 5-10 - 3005948



Plug-in bridge, pitch: 10.2 mm, number of positions: 5, color: red

Plug-in bridge - FBS 5-10 BU - 1040620



Plug-in bridge, pitch: 10.2 mm, number of positions: 5, color: blue

Labeled terminal marker

Zack marker strip - ZB 10 CUS - 0824941



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip - ZB10,LGS:FORTL.ZAHLEN - 1053014



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10



Accessories

Zack marker strip - ZB10,QR:FORTL.ZAHLEN - 1053027



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - ZB10,LGS:L1-N,PE - 1053412



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - ZB10,LGS:U-N - 1053438



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: U, V, W, N, GND, U, V, W, N, GND, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 10 CUS - 0824605



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48

Marker for terminal blocks - UCT-TM 10 CUS - 0829623



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36



Accessories

Marker for terminal blocks - TMT 10 R CUS - 0824500



Marker for terminal blocks, can be ordered: by line, white, labeled according to customer specifications, mounting type: snap into universal marker groove, snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 6.35 x 10.15 mm

Marker pen

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Partition plate

Partition plate - ATP-UT - 3047167



Partition plate, length: 53.4 mm, width: 2.2 mm, height: 45.7 mm, color: gray

Pick-off terminal block

Pick-off terminal block - AGK 4-UT 10 - 3047112



Pick-off terminal block, nom. voltage: 1000 V, nominal current: 32 A, connection method: Screw connection, number of connections: 1, cross section: 0.14 mm² - 6 mm², AWG: 26 - 10, width: 8.1 mm, height: 24.7 mm, color: gray, mounting type: on base element

Planning and marking software

Software - PROJECT COMPLETE - 1050453



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download



Accessories

Reducing bridge

Reducing bridge - RB UT 10-(2,5/4) - 3047060



Reducing bridge, pitch: 10.2 mm, length: 29.3 mm, width: 15.1 mm, number of positions: 2, color: red

Reducing bridge - RB UT 10-ST(2,5/4) - 3047086



Reducing bridge, pitch: 10.2 mm, length: 33.4 mm, width: 15.1 mm, number of positions: 2, color: red

Reducing bridge - RB UT 35-10 - 3032168



Reducing bridge, pitch: 13.2 mm, number of positions: 2, color: red

Screwdriver tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.5 x 10.15 mm, Number of individual labels: 10



Accessories

Marker for terminal blocks - UC-TM 10 - 0818069



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48

Marker for terminal blocks - UCT-TM 10 - 0829142



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36

Marker for terminal blocks - TMT 10 R - 0816210



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, perforated, mounting type: snap into universal marker groove, snap into flat marker groove, for terminal block width: 10.2 mm, lettering field size: 6.35 x 10.15 mm, Number of individual labels: 10000

Warning label printed

Warning label - WS UT 10 - 3047361

Warning sign for UT terminal blocks



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