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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32

Why buy this product

- ☑ Universal foot which can be used on NS 35... and NS 32... DIN rails
- The UK universal screw terminal block series has the typical features which are decisive for practical applications
- Potential distribution via fixed bridges in the terminal center or insertion bridges in the clamping space



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	4 017918 090760
GTIN	4017918090760
Weight per Piece (excluding packing)	8.590 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	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3



Technical data

General

Insulating material group Insulating material g	Overvoltage category	III
Maximum load current I _N Nominal current I _N Nominal current I _N Nominal voltage U _N Nomi		1
Nominal current I _n Nominal voltage U _n Specification Sp		41 A (with 6 mm² conductor cross section)
Open side panel Shock protection test specification Back of the hand protection Back of the hand protection Back of the hand protection Guaranteed 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 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 rotation speed Bending test rotation speed Bending test conductor cross section/weight 10 rpm Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 mm² Tractive force setpoint Conductor cross section tensile test 4 mm² Tractive force setpoint Conductor cross section tensile test 6 mm² Tractive force setpoint Conductor cross section tensile test 7 set passed 80 N Result of tight fit on surport Test passed Result of voltage-drop test Result of temperature-rise test Test passed Short circuit stability result Test passed Short-time current 0.48 kA Result of thermal test Test passed	Nominal current I _N	
Open side panel Shock protection test specification Back of the hand protection Back of the hand protection Back of the hand protection Guaranteed 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 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 rotation speed Bending test rotation speed Bending test conductor cross section/weight 10 rpm Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 mm² Tractive force setpoint Conductor cross section tensile test 4 mm² Tractive force setpoint Conductor cross section tensile test 6 mm² Tractive force setpoint Conductor cross section tensile test 7 set passed 80 N Result of tight fit on surport Test passed Result of voltage-drop test Result of temperature-rise test Test passed Short circuit stability result Test passed Short-time current 0.48 kA Result of thermal test Test passed	Nominal voltage U _N	800 V
Shock protection test specification Back of the hand protection guaranteed Finger protection guaranteed Finger protection guaranteed Test passed Surge voltage test setpoint Result of power-frequency withstand voltage test Fower frequency withstand voltage steptoint Result of power-frequency withstand voltage steptoint Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Bending test to speed Bending test conductor cross section/weight 10 rpm Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Test passed Conductor cross section tensile test 0.2 mm² Tractive force setpoint 10 N Conductor cross section tensile test 4 mm² Tractive force setpoint 80 N Result of tight fit on surport Tractive force setpoint 80 N Result of tight fit on surport Test passed Requirements, voltage drop \$ 3.2 mV Result of temparature-rise test Test passed Test passed Power frequency withstand voltage steptoint Power frequency withstand voltage steptoint Test passed Fower frequency withstand voltage steptoint Result of tight fit on surport Test passed Requirements, voltage drop \$ 3.2 mV Result of temperature-rise test Test passed Short-time current 0.48 kA Result of themal test Test passed		Yes
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) Result of the test for mechanical stability of terminal points (5 x Test passed Bending test trotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 0.2 mm² / 0.2 kg Lending test conductor cross section/weight 15 test passed Conductor cross section tensile test 0.2 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 7 test passed Test passed Test passed Tight fit on carrier NS 2/NS 35 Setpoint 5 N Result of voltage-drop test Test passed Requirements, voltage drop Result of temperature-rise test Test passed Find tight fit on support Test passed Requirements, voltage drop Result of temperature-rise test Test passed Find tight fit on support Test passed Requirements, voltage drop Result of temperature-rise test Test passed Find tight fit on spont Test passed		
Finger protection guaranteed Result of surge voltage test Surge voltage test setpoint Result of power-frequency withstand voltage test 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 bending test Bending test rotation speed Bending test trotation speed Bending test trotation speed Bending test conductor cross section/weight O.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test O.2 mm² Tractive force setpoint Conductor cross section tensile test 4 mm² Tractive force setpoint 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 32/NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop 2.3.2 mV Result of temperature-rise test Test passed Short-time current 0.48 kA Result of thermal test Test passed		
Result of surge voltage test setpoint Surge voltage test setpoint Result of power-frequency withstand voltage test Power frequency withstand voltage setpoint Power frequency withstand voltage setpoint Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Test passed Bending test rotation speed Bending test turns Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Test passed Conductor cross section tensile test 0.2 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 Setpoint 5 N Result of voltage-drop test Requirements, voltage-drop Result of temperature-rise test Test passed Test passed Test passed Setpoint 5 N Result of letheralt testilt Test passed Test passed Fest passed Test passed Test passed Test passed	<u>'</u>	~
Surge voltage test setpoint Result of power-frequency withstand voltage test Test passed 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 bending test Result of bending test Bending test rotation speed Bending test trotation speed Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 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 Setpoint 7 set passed Setpoint 8 so 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 mm² Short-time current 0.48 kA Result of themmal test Test passed		
Result of power-frequency withstand voltage setpoint 2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 0.2 mm² / 0.2 kg ### ### ### ### ### ### ### ### ### #		
Power frequency withstand voltage setpoint Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Result of bending test Bending test rotation speed Bending test turns Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 mm² Tractive force setpoint Conductor cross section tensile test 4 mm² Tractive force setpoint 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 32/NS 35 Setpoint Fesult of voltage-drop test Requirements, voltage drop Result of temperature-rise test Test passed Conductor cross section short circuit testing 4 mm² Test passed Conductor cross section tensile test Test passed Test passed Test passed		Test passed
Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Result of bending test rotation speed Bending test truns Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 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 32/NS 35 Setpoint 5 N Result of voltage-drop test Requirements, voltage drop 4 mm² Test passed Conductor cross section short circuit testing 4 mm² Test passed Conductor cross section tensile test Test passed Test passed		2 kV
Bending test rotation speed Bending test turns 135 Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 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 Test passed Requirements, voltage drop 2 3.2 mV Result of temperature-rise test Test passed Conductor cross section short circuit testing 4 mm² Test passed Conductor cross section tensile test Test passed Requirements, voltage drop 4 mm² Short-time current 0.48 kA Result of thermal test Test passed		Test passed
Bending test turns Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 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 32/NS 35 Setpoint Solution of voltage-drop test 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 Result of termal test Test passed	Result of bending test	Test passed
Bending test conductor cross section/weight 0.2 mm² / 0.2 kg 4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Conductor cross section tensile test 0.2 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 32/NS 35 Setpoint 5 N Result of voltage-drop test Requirements, voltage drop 4 3.2 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing 4 mm² Short-time current 0.48 kA Result of temmal test Test passed	Bending test rotation speed	10 rpm
4 mm² / 0.9 kg 6 mm² / 1.4 kg Tensile test result Test passed Conductor cross section tensile test 0.2 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 32/NS 35 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 4 mm² Short-time current 0.48 kA Result of temperal test Test passed	Bending test turns	135
Family	Bending test conductor cross section/weight	0.2 mm² / 0.2 kg
Tensile test result Conductor cross section tensile test 0.2 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 32/NS 35 Setpoint 5 N Result of voltage-drop test Requirements, voltage drop \$\leq 3.2 \text{ mV}\$ Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing 4 mm² Short-time current 0.48 kA Result of thermal test Test passed		4 mm² / 0.9 kg
Conductor cross section tensile test 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 32/NS 35 Setpoint 5 N Result of voltage-drop test Requirements, voltage drop Short circuit stability result Conductor cross section short circuit testing 4 mm² Test passed 7 test passed Test passed Test passed Test passed Test passed Test passed Tonductor cross section short circuit testing 4 mm² Short-time current 0.48 kA Result of thermal test Test passed		6 mm ² / 1.4 kg
Tractive force setpoint 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 32/NS 35 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 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	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 32/NS 35 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 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Conductor cross section tensile test	0.2 mm²
Tractive force setpoint 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 32/NS 35 Setpoint Setpoint Test passed Test passed Test passed Requirements, voltage-drop test 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 Result of thermal test Test passed	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 32/NS 35 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 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	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 32/NS 35 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 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Tractive force setpoint	60 N
Result of tight fit on support Test passed Tight fit on carrier NS 32/NS 35 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 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Conductor cross section tensile test	6 mm²
Tight fit on carrier NS 32/NS 35 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 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Tractive force setpoint	80 N
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 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Result of tight fit on support	Test passed
Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Tight fit on carrier	NS 32/NS 35
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 Result of thermal test Test passed	Setpoint	5 N
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 Result of thermal test Test passed	Result of voltage-drop test	Test passed
Short circuit stability result Conductor cross section short circuit testing 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Requirements, voltage drop	≤ 3.2 mV
Conductor cross section short circuit testing 4 mm² Short-time current 0.48 kA Result of thermal test Test passed	Result of temperature-rise test	Test passed
Short-time current 0.48 kA Result of thermal test Test passed	Short circuit stability result	Test passed
Result of thermal test Test passed	Conductor cross section short circuit testing	4 mm²
	Short-time current	0.48 kA
Proof of thermal characteristics (needle flame) effective duration 30 s	Result of thermal test	Test passed
	Proof of thermal characteristics (needle flame) effective duration	30 s
Oscillation, broadband noise test result Test passed	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



Technical data

General

Test spectrum	Service life test category 1, class B, body mounted
ASD level	1.857 (m/s ²) ² /Hz
Acceleration	0,8 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	5g (10-150-10 Hz)
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Dimensions

Width	6.2 mm
End cover width	1.8 mm
Length	42.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm²



Technical data

Connection data

Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	4 mm²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
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.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
Cross section with insertion bridge, solid max.	4 mm²
Cross section with insertion bridge, stranded max.	4 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm ²
Stripping length	8 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	CSA



Technical data

Standards and Regulations

	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Circuit diagram

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Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897
ETIM 6.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals



Approvals

Approvals

 ${\tt CSA/UL\ Recognized/KEMA-KEUR/cUL\ Recognized/LR/RS/PRS/KR/NK/IECEE\ CB\ Scheme/LR/EAC/EAC/DNV\ GL/LR/cULus\ Recognized}$

Ex Approvals

IECEx / ATEX / EAC Ex / GL

Approval details

CSA	(http://www.csagroup.org/services/testing- and-certification/certified-product-listing/		13631
mm²/AWG/kcmil			28-10	
Nominal current IN			30 A	
Nominal voltage UN			600 V	

UL Recognized	<i>7</i> .1	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E		FILE E 60425
mm²/AWG/kcmil			30-10	
Nominal current IN			30 A	
Nominal voltage UN			600 V	

KEMA-KEUR	KEMA	http://www.dekra-certification.com	2183462.01
mm²/AWG/kcmil		4	
Nominal voltage UN		800 V	

cUL Recognized	http://database.ul.com	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E	
mm²/AWG/kcmil		30-10	
Nominal current IN		30 A	
Nominal voltage UN		600 V	



Approvals

LR	Lloyds Register		http://www.lr.org/en	96/20013
mm²/AWG/kcmil			10	
Nominal current IN			57 A	
Nominal voltage UN			800 V	
RS		http:	//www.rs-head.spb.ru/en/index.php	10.04059.250
PRS			http://www.prs.pl/	TE/1824/880590/09
KR	KRR KOREAN REGISTER	http:/	/www.krs.co.kr/eng/main/main.aspx	HMB17372-EL001
NK	ClassNK		http://www.classnk.or.jp/hp/en/	09 ME 141
IECEE CB Scheme	CB scheme		http://www.iecee.org/	NL-26110
2/41/40 # #				
mm²/AWG/kcmil			4	
Nominal voltage UN			800 V	
LR	Lloyds Register		http://www.lr.org/en	96/20013
mm²/AWG/kcmil			4	
Nominal current IN			32 A	
Nominal voltage UN			800 V	
EAC	EAC			EAC-Zulassung

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Approvals

EAC	EAC	7500651.22.01.00246
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DNV GL	https://www.dnvgl.com/	TAE00001CT

LR	Lloyds Register	http://www.lr.org/en	96/20013
mm²/AWG/kcmil		2.5	
Nominal current IN		24 A	
Nominal voltage UN		800 V	

cULus Recognized



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

Accessories

Accessories

Bridge

Fixed bridge - FB-150 METER - 0201595



Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long

Cover profile

Cover profile - EA 5 - 1024014



Single covers, color: transparent



Accessories

Cover profile - EA 5-WS - 1024085



Single covers, for covering one terminal block, with black symbol (lightning flash) snap fit, color: transparent/yellow

DIN rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

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



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m



Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m $\,$

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m



Accessories

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m $\,$

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



DIN rail 35 mm (NS 35)



Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m



Accessories

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, Width: 35 mm, Height: 15 mm, Length: 2000 mm, Color: silver

End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray



Accessories

End clamp - E/UK - 1201442



End clamp, Width: 9.5 mm, Height: 35.3 mm, Length: 50.5 mm, Color: gray

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

End cover

End cover - D-UK 4/10 - 3003020



End cover, Length: 42.5 mm, Width: 1.8 mm, Height: 35.9 mm, Color: gray

Insertion bridge

Insertion bridge - EB 2- 6 - 0201155



Insertion bridge, Pitch: 6.2 mm, Number of positions: 2, Color: gray

Insertion bridge - EB 3- 6 - 0201142



Insertion bridge, Pitch: 6.2 mm, Number of positions: 3, Color: gray



Accessories

Insertion bridge - EB 10- 6 - 0201139



Insertion bridge, Pitch: 6.2 mm, Number of positions: 10, Color: gray

Insulating sleeve

Bridge bar isolator - IS-K 4 - 1302338



Bridge bar isolator, Color: gray

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue



Accessories

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Labeled terminal marker

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm



Accessories

Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Identical numbers 1 or 2, etc. up to 100, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm



Accessories

Marker for terminal blocks - UC-TM 6 CUS - 0824589



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 6 CUS - 0829602



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Mounting material

Screw - ZSR - 2303608



Screw

Mounting clip - ZSR-EX - 0200017



Distance piece, metal, for branches of FB-150, with screw and thrust washer

Partition plate

Separating plate - TS-K - 1302215



Separating plate, Length: 22 mm, Width: 0.5 mm, Height: 22 mm, Color: gray



Accessories

Partition plate - ATP-UK - 3003224



Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 45.7 mm, Color: gray

Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040



Multilingual software for convenient configuration of Phoenix Contact products on standard DIN rails.

Software - CLIP-PROJECT PROFESSIONAL - 5146053



Multilingual software for terminal strip configuration. A marking module enables the professional marking of markers and labels for identifying terminal blocks, conductors and cables, and devices.

Screw bridge

Step bracket - STL 10N/5N - 0204110



Step bracket, Pitch: 5 mm, Number of positions: 2, Color: silver

Step bracket - STL 35/ 5 - 0204107



Step bracket, Pitch: 5 mm, Number of positions: 2, Color: silver



Accessories

Jumper - ISSBI 10-6 - 0301505



Jumper, Pitch: 6 mm, Number of positions: 10, Color: silver

Jumper - LB 10-6 BU - 0202280



Jumper, Pitch: 6 mm, Number of positions: 10, Color: blue

Jumper - LB 10-6 GY - 0202358



Jumper, Pitch: 6 mm, Number of positions: 10, Color: gray

Jumper - LB 100-6 GY - 0202345



Jumper, Pitch: 6 mm, Number of positions: 100, Color: gray

Jumper - LB 100-6 BU - 0202303



Jumper, Number of positions: 100, Color: blue



Accessories

Chain bridge - KB- 6-EX - 0201485



Chain bridge, Number of positions: 1, Color: silver

Fixed bridge - FB 100- 6 - 0201524



Fixed bridge, Pitch: 6 mm, Number of positions: 100, Color: silver

Fixed bridge - FBI 2- 6 - 0203438



Fixed bridge, Pitch: 6 mm, Number of positions: 2, Color: silver

Fixed bridge - FBI 10- 6 - 0203250



Fixed bridge, Pitch: 6 mm, Number of positions: 10, Color: silver

Fixed bridge - FB 3- 6-EX - 0201469



Fixed bridge, Number of positions: 3, Color: silver



Accessories

Fixed bridge - FB 2- 6-EX - 0201456



Fixed bridge, Pitch: 6 mm, Number of positions: 2, Color: silver

Fixed bridge - FB 5- 6 - 0201029



Fixed bridge, Pitch: 6 mm, Number of positions: 5, Color: silver

Fixed bridge - FBI 100- 6 - 0201650



Fixed bridge, Pitch: 6 mm, Number of positions: 100, Color: silver

Fixed bridge - FBI 20- 6 - 0201867



Fixed bridge, Pitch: 6 mm, Number of positions: 20, Color: silver

Fixed bridge - FB 10- 6-EX - 0201281



Fixed bridge, Pitch: 6 mm, Number of positions: 10, Color: silver



Accessories

Fixed bridge - FB 10- 6 - 0201184



Fixed bridge, Pitch: 6.2 mm, Number of positions: 10, Color: silver

Jumper - LB 100-6 RD - 0202316



Jumper, Number of positions: 100, Color: red

Jumper - LB 10-6 RD - 0202293



Jumper, Pitch: 6 mm, Number of positions: 10, Color: red

Short-circuit connector

Short-circuit connector - KSS 6 - 0301547



Short-circuit connector, Pitch: 6 mm, Number of positions: 2, Color: black

Short-circuit connector - KSS 3-6 - 0309523



Short-circuit connector, Pitch: 6 mm, Number of positions: 3, Color: black

Switching jumper



Accessories

Switching jumper - USBRJ 2-7 - 2305538



Switching jumper, Number of positions: 2, Color: silver

Terminal marking

Marker card - SBS 6:UNBEDRUCKT - 1007222



Marker card, Card, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, THERMOMARK CARD, THERMOMARK PRIME, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, THERMOMARK PRIME, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Test plug terminal block



Accessories

Test plugs - PS-UK 2,5 B/Z-6 - 3001239



Test plugs, Color: red

Test plugs - PS-UK 2,5 B/E - 3001132



Test plugs, Color: red

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, Color: silver

Test socket

Female test connector - PSBJ 3/13/4 - 0201304



Female test connector, Color: silver



Accessories

Female test connector - PSB 3/10/4 - 0601292



Female test connector, Color: silver

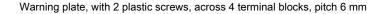
Warning label printed

Warning label - WS 3- 6 - 1004115



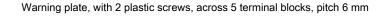
Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm

Warning label - WS 4- 6 - 1004209





Warning label - WS 5- 6 - 1004403





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