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Feed-through terminal block, nom. voltage: 500 V, nominal current: 30 A, connection method: Spring-cage connection, Screw connection, number of connections: 4, cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, width: 6.2 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

## Your advantages

- For a clear overview, each terminal point can be labeled
- ☑ Can be consistently bridged to the STTB 4 standard double-level terminal blocks
- ☑ Can be bridged in both levels to implement different switching tasks



## **Key Commercial Data**

Packing unit	50 pc
GTIN	4 046356 148047
GTIN	4046356148047

## Technical data

## General

Number of levels	2
Number of connections	4
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
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W (the value is multiplied when connecting multiple levels)
Ambient temperature (operation)	-60 °C 85 °C
Ambient temperature (storage/transport)	-25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)



## Technical data

## General

Permissible humidity (storage/transport)	30 % 70 %
Ambient temperature (assembly)	-5 °C 70 °C
Ambient temperature (actuation)	-5 °C 70 °C
Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	36 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal current I <sub>N</sub>	30 A
Nominal voltage U <sub>N</sub>	500 V
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	36 A (with 6 mm² conductor cross section)
	30 A (with 4 mm² conductor cross section)
	22 A (with a 2.5 mm² conductor cross section)
Nominal current I <sub>N</sub>	30 A (with 4 mm² conductor cross section)
Nominal voltage U <sub>N</sub>	500 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	7.3 kV
Result of power-frequency withstand voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 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	0.14 mm² / 0.2 kg
	4 mm² / 0.9 kg
	6 mm² / 1.4 kg
	0.08 mm² / 0.1 kg
	4 mm² / 0.9 kg
	6 mm² / 1.4 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.14 mm²
Tractive force setpoint	10 N
Conductor cross section tensile test	4 mm²
Tractive force setpoint	60 N
Conductor cross section tensile test	6 mm²



## Technical data

## General

Conductor cross section tensile test  Tractive force setpoint  Result of tight fit on support  Result of voltage-drop test  Requirements, voltage drop  Result of temperature-rise test  Test passed  Test passed  Requirements, voltage drop  Result of temperature-rise test  Test passed  Requirements, voltage drop  Result of temperature-rise test  Test passed  Requirements, voltage drop  Result of temperature-rise test  Test passed  Requirements, voltage drop  Result of temperature-rise test  Test passed  Result of temperature-rise test  Test passed  Annu'  Conductor cross section short circuit testing  Short-time current  0.48 kA  Conductor cross section short circuit testing  Short-time current  0.72 kA  Result of aging test  Result of aging test  Test passed  102  Result of thermal test  Proof of thermal characteristics (needle flame) effective duration  Oscillation, broadband noise test result  Test passed  DIN EN SO155 (VDE 0115-200):2008-03  Result frequency  f. = 5 Hz to f, = 150 Hz  ASD level  ASD level  1.857 (m/s) <sup>2</sup> /Hz  ASD level  1.857 (m/s) <sup>2</sup> /Hz  Acceleration  Rock eteration  Shock test result  Test spassed  DIN EN SO155 (VDE 0115-200):2008-03  Test duration per axis  Test spassed  Test passed  Test spassed  DIN EN SO155 (VDE 0115-200):2008-03  Test duration per axis  Test passed  Test passed  Test passed  Test passed  Test prediction  Shock test result  Test spassed  DIN EN SO155 (VDE 0115-200):2008-03  Test directions  Shock duration  Number of shocks per direction  3 0 ms  Number of shocks per direction  3 0 ms  Number of shocks per direction  3 0 ms  Number of shocks per direction  Test signetication, shock test  DIN EN SO155 (VDE 0115-200):2008-03  Test directions  Result of insulation material temperature index (Elec., UL 748 B)  Temperature index of insulation material temperature index (Elec., UL 748 B)  Temperature index of insulation material temperature index (Elec., UL 748 B)  Test passed  Test passed  Test prediction plant and period temperature index (Elec., UL 748 B)  Test passed  Test	Tractive force setpoint	80 N
Result of tight fit on support Tight fit on carrier NS 35 Setpoint IN Result of Voltage-drop test Result of temperature-rise test Test passed Requirements, voltage drop Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing A mm² Short-time current O.48 kA Conductor cross section short circuit testing Short-time current O.72 kA Result of aging test Result of aging test Result of aging test Result of thermal characteristics (needle flame) effective duration Oscillation, broadband noise test result Test passed DIN EN 50155 (VDE 0115-200):2008-03 Service life test category 1, class B, body mounted Test frequency RSD level 1.857 (m/s²)³/Hz Acceleration O.8 g Test duration per axis Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03 Shock form Half-sine Acceleration Spick duration Spick duration Spick duration Spick duration Spick duration Acceleration Spick form Acceleration Acceleration Spick form Acceleration Accele	Conductor cross section tensile test	0.08 mm <sup>2</sup>
Tight fit on carrier  Setyoint  1 N  Result of voltage-drop test  Requirements, voltage drop  Result of temperature-rise test  Test passed  Test passed  Test passed  Test passed  Test passed  Test passed  Short circuit stability result  Conductor cross section short circuit testing  Short-time current  0.46 kA  Conductor cross section short circuit testing  Short-time current  0.72 kA  Result of aging test  Test passed  192  Result of sing test for screwless modular terminal block temperature cycles  Result of sing test for screwless modular terminal block temperature cycles  Result of sing test for screwless modular terminal block temperature cycles  Result of sing test for screwless modular terminal block temperature cycles  Result of sing test for screwless modular terminal block temperature cycles  Result of thermal test  Test passed  DIN Ent passed  Test passed  Oscillation, broadband noise test result  Test specification, oscillation, broadband noise test result  Test specification, oscillation, broadband noise  DIN Ent 50155 (VDE 0115-200):2008-03  Service life test category 1, class B, body mounted  Test frequency  1, 5 the to 1, 5 150 Hz  Acceleration  Que ag  Result of volume axis  Test duration per axis  Test duration per axis  Test duration per axis  Test duration per axis  Test specification, shock test  DIN Ent 50156 (VDE 0115-200):2008-03  Half-sine  Acceleration  Shock duration  Shock duration  Shock duration  Shock duration  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 Ent 60216-1 (VDE  130 °C  Temperature index of insulation material (DIN Ent 60216-1 (VDE  Specific optical density of smoke NFPA 130 (ASTM E 662)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Specific optical density of smoke NFPA 130 (ASTM E 662)	Tractive force setpoint	5 N
Setpoint   1 N   Result of voltage-drop test   Test passed	Result of tight fit on support	Test passed
Result of voltage-drop test Requirements, voltage drop 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 Conductor cross section short circuit testing 6 mm² Short-time current 0.72 kA Result of aging test Result of aging test Result of aging test Test passed 30 s Result of aging 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 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 stepedurency f, 1 = 5 Hz to f, = 150 Hz ASD level 1.887 (m/s²)*/Hz Acceleration 0.8 g 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 5g Shock command Acceleration 5g Shock dorm Acceleration 5g	Tight fit on carrier	NS 35
Requirements, voltage drop  Result of temperature-rise test  Test passed  Conductor cross section short circuit testing  Short-time current  O.48 kA  Conductor cross section short circuit testing  Short-time current  O.72 kA  Result of aging test  Test passed  Ageing test for screwless modular terminal block temperature cycles  Result of films the screwless modular terminal block temperature cycles  Result of thermal test  Test passed  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 specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test specification, oscillation, broadband noise  DIN EN 50156 (VDE 0115-200):2008-03  Test frequency  f, = 5 Hz to f, = 150 Hz  Acceleration  O.8 g  Test duration per axis  Test duration per axis  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  Shock duration  Number of shocks per direction  3 oms  Number of shocks per direction  3 oms  Number of shocks per direction  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 000-2008-00	Setpoint	1 N
Result of temperature-rise test  Short circuit stability result  Test passed  1 Test passed  1 Test passed  1 Test passed  1 Amm²  1 Test passed  1 Test passed  1 Amm²  1 Test passed  1 Amm²  1 Test passed  1 Amm²	Result of voltage-drop test	Test passed
Short circuit stability result  Conductor cross section short circuit testing  4 mm²  0.48 kA  Conductor cross section short circuit testing  6 mm²  Short-time current  0.72 kA  Result of aging test  Result of aging test  7 test passed  192  Result of thermal test  Proof of thermal characteristics (needle flame) effective duration  30 s  Coscillation, broadband noise test result  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 oscill	Requirements, voltage drop	≤ 3.2 mV
Conductor cross section short circuit testing  Short-time current  O.48 kA  Conductor cross section short circuit testing  6 mm²  Short-time current  0.72 kA  Result of aging test  Test passed  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 specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 1, class B, body mounted  Test frequency  f, = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level  1.857 (m/s²)² Hz  Acceleration  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 specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Number of shocks per direction  30 ms  Number of shocks per direction  Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Tent passed  Feature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in code  Feor Category  Feature of the material passed  Feature of the material p	Result of temperature-rise test	Test passed
Short-time current  O.48 kA  Conductor cross section short circuit testing 6 mm²  Short-time current 7 cyr kA  Result of aging test Ageing test for screwless modular terminal block temperature cycles 192  Result of thermal test 192  Result of thermal test 192  Result of thermal characteristics (needle flame) effective duration 30 s  Oscillation, broadband noise test result 1 Test passed  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 1 1.857 (m/s²)²/Hz  ASD level 1 .857 (m/s²)²/Hz  Acceleration 0 .8 g  Test duration per axis 5 h  Test directions X-, Y- and Z-axis  Shock test result 1 Test passed 1 Test spessed 1 Test spessed 1 Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03  Shock duration 4 half-sine 4 Acceleration 5 g  Shock duration 30 ms  Number of shocks per direction 3 ms  Number of shocks per direction 3 ms  Relative insulation material temperature index (Elec., UL 746 B) 1 Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold 4 60 °C  Surface flammability NFPA 130 (ASTM E 162) passed  Smoke gas toxicity NFPA 130 (MSTM E 162) passed  Smoke gas toxicity NFPA 130 (MSTM E 662) passed	Short circuit stability result	Test passed
Conductor cross section short circuit testing  Short-time current  O.72 kA  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  DIN EN 50155 (VDE 0115-200):2008-03  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 1, class B, body mounted  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level  AsCeleration  0,8 g  Test duration per axis  5 h  Test directions  Xy. and Z-axis  Shock test result  Test spased  DIN EN 50155 (VDE 0115-200):2008-03  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Half-sine  Acceleration  5g  Shock duration  30 ms  Number of shocks per direction  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material application in cold  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density NFPA 130 (ASTM E 162)  Specific optical density NFPA 130 (ASTM E 662)  Ensex direction Spassed  Smoke gas toxicity NFPA 130 (ASTM E 162)  Smoke gas toxicity NFPA 130 (SMP 800C)	Conductor cross section short circuit testing	4 mm²
Short-time current  Result of aging test  Result of aging test Ageing test for screwless modular terminal block temperature cycles 192  Result of thermal test Proof of thermal characteristics (needle flame) effective duration 30 s Oscillation, broadband noise test result Test passed  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum Service life test category 1, class B, body mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level 1.857 (m/s²)²/Hz Acceleration 0,8 g Test duration per axis 5 h Test dration per axis Test passed  Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03  Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03  Half-sine Acceleration 5 g Shock form Half-sine Acceleration 5 g Shock duration 30 ms Number of shocks per direction 3 Test directions XY. 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))  Static insulating material application in cold Surface flammability NFPA 130 (ASTM E 162) Specific optical density of smoke NFPA 130 (ASTM E 662) Emoke gas toxicity NFPA 130 (SMP 800C)	Short-time current	0.48 kA
Result of aging test Ageing test for screwless modular terminal block temperature cycles 192 Result of thermal test Proof of thermal characteristics (needle flame) effective duration 30 s Oscillation, broadband noise test result Test passed Test spassed Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2008-03 Test spectrum Service life test category 1, class B, body mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz AsD level 1.857 (m/s²)²/Hz Acceleration 0.8 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 specification, shock test DIN EN 50155 (VDE 0115-200):2008-03 Test specification so specification specificat	Conductor cross section short circuit testing	6 mm²
Ageing test for screwless modular terminal block temperature cycles     192       Result of thermal test     Test passed       Proof of thermal characteristics (needle flame) effective duration     30 s       Oscillation, broadband noise test result     Test passed       Test specification, oscillation, broadband noise     DIN EN 50155 (VDE 0115-200):2008-03       Test spectrum     Service life test category 1, class B, body mounted       Test spectrum     Service life test category 1, class B, body mounted       Test frequency     f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz       ASD level     1.857 (m/s²)²/Hz       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       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       Surface flammability NFPA 130 (ASTM E 162)     passed	Short-time current	0.72 kA
Result of thermal test 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 1, class B, body mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz ASD level 1.857 (m/s²)²/Hz Acceleration 0,8 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 specification, shock test DIN EN 50155 (VDE 0115-200):2008-03 Test specification and test are specification and test ar	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 1, class B, body mounted  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level  1.857 (m/s²)²/Hz  Acceleration  0.8 g  Test duration per axis  5 h  Test passed  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Test specification, shock test  Test passed  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Acceleration  5g  Shock duration  30 ms  Number of shocks per direction  3 a  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))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  passed  Smoke gas toxicity NFPA 130 (SMP 800C)  passed	Ageing test for screwless modular terminal block temperature cycles	192
Oscillation, broadband noise test result Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum Service life test category 1, class B, body mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level 1.857 (m/s²²²/Hz  Acceleration 0.8 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 5g Shock duration 30 ms  Number of shocks per direction 3  Test directions X-, Y- and Z-axis (pos. and neg.)  Test directions 130 °C  Static insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold -60 °C  Surface flammability NFPA 130 (ASTM E 162) passed  Smoke gas toxicity NFPA 130 (SMP 800C)  passed	Result of thermal test	Test passed
Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 1, class B, body mounted  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level  1.857 (m/s²)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  Shock duration  30 ms  Number of shocks per direction  3 (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))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  passed  Smoke gas toxicity NFPA 130 (SMP 800C)  passed	Proof of thermal characteristics (needle flame) effective duration	30 s
Test spectrum  Service life test category 1, class B, body mounted  f, = 5 Hz to f <sub>2</sub> = 150 Hz  ASD level  1.857 (m/s²)²/Hz  Acceleration  Test duration per axis  Test directions  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  Shock duration  Shock duration  Shock duration  Shock duration  Number of shocks per direction  Test directions  X-, Y- and Z-axis  Shock form  Acceleration  Signature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  Specific optical density of smoke NFPA 130 (ASTM E 162)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed	Oscillation, broadband noise test result	Test passed
Test frequency $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $ASD \text{ level}$ $1.857 \text{ (m/s}^2)^2 \text{/Hz}$ $Acceleration$ $0.8 \text{ g}$ $Test duration per axis$ $5 \text{ h}$ $Test directions$ $X-, Y- \text{ and } Z- \text{ axis}$ $Shock \text{ test result}$ $Test specification, shock \text{ test}$ $DIN EN 50155 \text{ (VDE } 0115-200).2008-03$ $Shock \text{ form}$ $Acceleration$ $Shock duration$ $Acceleration$ $Shock duration$ $Number of shocks per direction$ $Test directions$ $X-, Y- \text{ and } Z- \text{ axis } \text{ (pos. and neg.)}$ $Relative insulation material temperature index (Elec., UL 746 B)$ $Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))$ $Static insulating material application in cold$ $-60 ^{\circ}C$ $Surface flammability NFPA 130 (ASTM E 162)$ $Specific optical density of smoke NFPA 130 (ASTM E 662)$ $Smoke gas toxicity NFPA 130 (SMP 800C)$	Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
ASD level 1.857 (m/s²)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  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))  Static insulating material application in cold -60 °C  Surface flammability NFPA 130 (ASTM E 162) passed  Smoke gas toxicity NFPA 130 (SMP 800C) passed  Smoke gas toxicity NFPA 130 (SMP 800C)	Test spectrum	Service life test category 1, class B, body mounted
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  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  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	Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
Test duration per axis  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  Shock duration  30 ms  Number of shocks per direction  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))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed	ASD level	1.857 (m/s <sup>2</sup> ) <sup>2</sup> /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  5g  Shock duration  30 ms  Number of shocks per direction  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))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed	Acceleration	0,8 g
Shock test result  Test passed  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  5g  Shock duration  Number of shocks per direction  Test directions  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Passed	Test duration per axis	5 h
Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  5g  Shock duration  30 ms  Number of shocks per direction  Test directions  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  DIN EN 50155 (VDE 0115-200):2008-03  Acceleration  3 Test directions  X-, Y- and Z-axis (pos. and neg.)  130 °C  130 °C  130 °C  passed  Specific optical density of smoke NFPA 130 (ASTM E 662)  passed	Test directions	X-, Y- and Z-axis
Shock form Half-sine  Acceleration 5g  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))  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  Smoke gas toxicity NFPA 130 (SMP 800C) passed	Shock test result	Test passed
Acceleration 5g 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  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	Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock duration  Number of shocks per direction  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))  Static insulating material application in cold  Strace flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  3  X-, Y- and Z-axis (pos. and neg.)  130 °C  130 °C  130 °C  passed	Shock form	Half-sine
Number of shocks per direction  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))  Static insulating material application in cold  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  3  X-, Y- and Z-axis (pos. and neg.)  130 °C  130 °C  130 °C  passed	Acceleration	5g
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))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed  Smoke gas toxicity NFPA 130 (SMP 800C)	Shock duration	30 ms
Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  130 °C  130 °C  130 °C  passed  passed	Number of shocks per direction	3
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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  Smoke gas toxicity NFPA 130 (SMP 800C) passed	Test directions	X-, Y- and Z-axis (pos. and neg.)
Static insulating material application in cold  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed  passed	Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed  passed		130 °C
Specific optical density of smoke NFPA 130 (ASTM E 662) passed  Smoke gas toxicity NFPA 130 (SMP 800C) passed	Static insulating material application in cold	-60 °C
Smoke gas toxicity NFPA 130 (SMP 800C) passed	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) 28 MJ/kg	Smoke gas toxicity NFPA 130 (SMP 800C)	passed
	Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg



## Technical data

## General

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
Length	81 mm
Height NS 35/7,5	55.5 mm
Height NS 35/15	63 mm
End cover width	2.2 mm

## Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Stripping length	8 mm 10 mm
Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.08 mm²
Conductor cross section flexible max.	4 mm²
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve 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	1 mm²
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Stripping length	8 mm 10 mm
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10



## Technical data

## Connection data

Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	6 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.14 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1.5 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	2.5 mm <sup>2</sup>

## Standards and Regulations

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

## **Environmental Product Compliance**

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

## **Drawings**









## Classifications

## eCl@ss

eCl@ss 10.0.1	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
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
ETIM 7.0	EC000897

## UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410



## Classifications

## **UNSPSC**

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

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Approvals

EAC / EAC

Ex Approvals

## Approval details

EAC [H[	RU C- DE.A*30.B.01742
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RU C-DE.BL08.B.00644

## 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



### Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



### 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



## Accessories

End cover - D-STTBU 4 - 3033207



End cover, length: 81 mm, width: 2.2 mm, height: 54 mm, color: gray

### Insulating sleeve

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, color: gray

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, color: black

### Jumper

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, pitch: 6.2 mm, width: 10.7 mm, number of positions: 2, color: red

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, pitch: 6.2 mm, width: 16.9 mm, number of positions: 3, color: red



## Accessories

Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, pitch: 6.2 mm, width: 23.1 mm, number of positions: 4, color: red

Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, pitch: 6.2 mm, width: 29.3 mm, number of positions: 5, color: red

Plug-in bridge - FBS 6-6 - 1008238



Plug-in bridge, One side not fully isolated, pitch: 6.2 mm, width: 35.5 mm, number of positions: 6, color: red

Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, pitch: 6.2 mm, width: 60.3 mm, number of positions: 10, color: red

Plug-in bridge - FBS 20-6 - 3030365



Plug-in bridge, pitch: 6.2 mm, width: 122.3 mm, number of positions: 20, color: red



## Accessories

Plug-in bridge - FBS 50-6 - 3032224



Plug-in bridge, pitch: 6.2 mm, width: 308.3 mm, number of positions: 50, color: red

Plug-in bridge - FBSR 2-6 - 3033715



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: red

Plug-in bridge - FBSR 3-6 - 3001594



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: red

Plug-in bridge - FBSR 4-6 - 3001595



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: red

Plug-in bridge - FBSR 5-6 - 3001596



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: red



## Accessories

Plug-in bridge - FBSR 10-6 - 3033716



Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: red

Plug-in bridge - FBS 2-6 BU - 3036932



Plug-in bridge, pitch: 6.2 mm, width: 10.7 mm, number of positions: 2, color: blue

Plug-in bridge - FBS 3-6 BU - 3036945



Plug-in bridge, pitch: 6.2 mm, width: 16.9 mm, number of positions: 3, color: blue

Plug-in bridge - FBS 4-6 BU - 3036958



Plug-in bridge, pitch: 6.2 mm, width: 23.1 mm, number of positions: 4, color: blue

Plug-in bridge - FBS 5-6 BU - 3036961



Plug-in bridge, pitch: 6.2 mm, width: 29.3 mm, number of positions: 5, color: blue



### Accessories

Plug-in bridge - FBS 10-6 BU - 3032198



Plug-in bridge, pitch: 6.2 mm, width: 60.3 mm, number of positions: 10, color: blue

Plug-in bridge - FBS 20-6 BU - 3032208



Plug-in bridge, pitch: 6.2 mm, width: 122.3 mm, number of positions: 20, color: blue

Plug-in bridge - FBS 50-6 BU - 3032211



Plug-in bridge, pitch: 6.2 mm, width: 308.3 mm, number of positions: 50, color: blue

### Labeled terminal marker

Warning cover - WST 4 - 3030954



Warning cover, Strip, yellow, labeled, mounting type: plug in, for terminal block width: 6.2 mm, lettering field size:  $4.5 \times 5.55 \text{ mm}$ , Number of individual labels:  $5 \times 5.55 \text{ mm}$ , Number of individual labels

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 size: 6.15 x 10.5 mm, Number of individual labels: 10



### Accessories

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



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-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 size: 6.15 x 10.5 mm, Number of individual labels: 10

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



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-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 size: 6.15 x 10.5 mm, Number of individual labels: 10

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



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-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 size: 6.15 x 10.5 mm, Number of individual labels: 10

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



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: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-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 size: 6.15 x 10.5 mm, Number of individual labels: 10



### 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 size: 5.6 x 10.5 mm, Number of individual labels: 80

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 size: 5.6 x 10.5 mm, Number of individual labels: 60

Zack Marker strip, flat - ZBF 6 CUS - 0825027



Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TMF 6 CUS - 0824646



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

Marker for terminal blocks - UCT-TMF 6 CUS - 0829665



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60



### Accessories

Zack Marker strip, flat - ZBF 6,LGS:FORTL.ZAHLEN - 0808749



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

#### Zack Marker strip, flat - ZBF 6,QR:FORTL.ZAHLEN - 0808765



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

### Zack Marker strip, flat - ZBF 6,LGS:GERADE ZAHLEN - 0810834



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

#### Zack Marker strip, flat - ZBF 6, LGS: UNGERADE ZAHLEN - 0810876



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

#### Marker carriers

Marker carriers - STP 5-2 - 0800967



Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 2,5, STTB 4, PTTB 2,5, PTTB 4 can be marked with UC-TM 5, ZB 5 or UC-TMF 5, ZBF 5

### Partition plate



## Accessories

Partition plate - ATP-STTB 4 - 3030747



Partition plate, length: 88.7 mm, width: 2 mm, height: 53 mm, color: gray

#### Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Actuation tool - ST-BW - 1207608



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

#### Short-circuit connector

Short-circuit connector - FBSRH 2-6 - 3033812



Short-circuit connector, pitch: 6.2 mm, number of positions: 2, color: red

Terminal marking



### Accessories

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



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: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 6 - 0818085



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

Marker for terminal blocks - UCT-TM 6 - 0828736



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TMF 6 - 0818140



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 flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80



## Accessories

Marker for terminal blocks - UCT-TMF 6 - 0828746



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 flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

### Test plug terminal block

Test plugs - PS-6 - 3030996



Test plugs, Modular test plug, color: red

Test plugs - PS-6/2,3MM RD - 3038736



Test plugs, color: red

### Test socket

Test adapter - PAI-4-FIX-5/6 BU - 3035975



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 OG - 3035974



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch



## Accessories

Test adapter - PAI-4-FIX-5/6 YE - 3035977



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 RD - 3035976



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 GN - 3035978



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 BK - 3035980



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 GY - 3035982



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch



## Accessories

Test adapter - PAI-4-FIX-5/6 VT - 3035979



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 BN - 3035981



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 WH - 3035983



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

## Warning label printed

Warning label - WS UT 4 - 3047332

Warning sign for UT terminal blocks



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