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Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, connection method: Quick connection, number of connections: 2, cross section: 0.5 mm² - 2.5 mm², AWG: 20 - 14, width: 6.2 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Your advantages

▼ Tested for railway applications





Key Commercial Data

| Packing unit | 50 pc |
|------------------------|-----------------|
| Minimum order quantity | 50 pc |
| GTIN | 4 017918 976033 |
| GTIN | 4017918976033 |

Technical data

General

| Number of levels | 1 |
|--|---------------------|
| Number of connections | 2 |
| Potentials | 1 |
| Nominal cross section | 2.5 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Railway industry |
| | Machine building |
| | Plant engineering |
| | Process industry |
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |



Technical data

General

| Overotiage category III Insulating material group I Maximum power dissipation for nominal condition 0.77 W Maximum load current 24 A (with a 2.5 mm² conductor cross section) Nominal content I _{II} 800 V Open side panel Yes Ambient temperature (operation) -60 °C - 85 °C Ambient temperature (storage/transport) 25 °C - 85 °C (For a short time, not exceeding 24 h -80 to +70 °C) Permissible humidity (storage/transport) 30 %70 °C Ambient temperature (actuation) -5 °C70 °C Ambient temperature (actuation) -5 °C70 °C Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge vollage test Test passed Result of power-frequency withstand vollage test Test passed Result of power-frequency withstand vollage selpoint 24 V Result of bending test turns 135 Bending test trotation speed 10 °rm Bending test trotation speed 10 °rm Bending test trotation speed 10 °rm Bending test trotation suppor | | |
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| Maximum power dissipation for nominal condition 0.77 W Maximum load current I _{II} 24 A (with a 2.5 mm² conductor cross section) Nominal current I _{II} 800 V Open side panel Yes Ambient temperature (operation) -80 °C 85 °C (For a short time, not exceeding 24 h 80 to +70 °C) Ambient temperature (storage/transport) 25 °C 85 °C (For a short time, not exceeding 24 h 80 to +70 °C) Ambient temperature (sacsembly) -5 °C 70 °C Ambient temperature (actuation) 5 °C 70 °C Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Result of sure voltage test Test passed Result of power-frequency withstand voltage test Test passed Result of bording test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bording test for mechanical stability of terminal points (5 x conductor connection) 10 °m Bending test troation speed 10 °m Bending test troation speed 10 °m Bending test troation speed 10 °m Bending test troation speed </td <td>Overvoltage category</td> <td>III</td> | Overvoltage category | III |
| Maximum load current I _N 24 Å (with a 2.5 mm² conductor cross section) Nominal current I _N 24 Å Nominal voltage U _N 800 V Open side panel Yes Ambient temperature (operation) -60 °C 85 °C Ambient temperature (storagelfransport) 35 °C 70 °C Ambient temperature (ascendity) -5 °C 70 °C Ambient temperature (actuation) 5 °C 70 °C Ambient temperature (actuation) 5 °C 70 °C Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Result of power-frequency withstand voltage set point 2 kY Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Bending test tration speed 10 rpm Bending test troation speed 10 rpm Bending test troation speed 10 rpm Bending test tonductor cross section/weight 5 °C 70 °C kg Test passed Test passed | Insulating material group | I |
| Nominal current I _N 24 A Nominal voltage U _N 800 V Open side panel Yes Ambient temperature (storage/transport) -80 °C85 °C (For a short time, not exceeding 24 h60 to +70 °C) Ambient temperature (storage/transport) 30 % 70 °C Ambient temperature (storage/transport) 30 % 70 °C Ambient temperature (assembly) -5 °C 70 °C Ambient temperature (astudito) -5 °C 70 °C Shock protection test specification DIN EN 50274 (VDE 0680-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Result of power-frequency withstand voltage test Test passed Result of power-frequency withstand voltage setsont 2 kV Result of the test for mechanical stability of terminal points (5 x Test passed Result of bending test Test passed Bending test troation 15 pm Bending test troation speed 10 rpm Bending test troation speed 15 pm Bending test result 15 pm Result of specification speed 15 pm Test passed 15 pm <td>Maximum power dissipation for nominal condition</td> <td>0.77 W</td> | Maximum power dissipation for nominal condition | 0.77 W |
| Nominal voltage U _N 800 V Open side panel Yes Ambient temperature (peration) 40° °C · 85° °C Ambient temperature (storage/transport) 25° °C · 55° °C (For a short time, not exceeding 24 h, -60 to +70° °C) Permissible humidity (storage/transport) 30 % · 70 % Ambient temperature (actuation) 5° °C · 70° °C Ambient temperature (actuation) 5° °C · 70° °C Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Besult of surge voltage test Test passed Result of surge voltage test Test passed Result of brower-frequency withstand voltage setpoint 2 kV Result of the lest for mechanical stability of terminal points (5 x Test passed Power frequency withstand voltage setpoint Test passed Result of bending test totation speed 10 °pm Bending test trotation speed 10 °pm Bending test conductor cross section/weight 0.5 mm² / 0.7 kg Tensile test result Test passed Result of light fit on support 1 set passed Result of voltage-drop test <t< td=""><td>Maximum load current</td><td>24 A (with a 2.5 mm² conductor cross section)</td></t<> | Maximum load current | 24 A (with a 2.5 mm² conductor cross section) |
| Open side panel Yes 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) Permissible humidity (storage/transport) 30 % 70 % Ambient temperature (assembly) -5 °C 70 °C Ambient temperature (actuation) 5 °C 70 °C Shock protection test specification DIN EN SO274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Result of surge voltage test Test passed Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 2 kV Result of pending test or mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test rotation speed 10 rpm Bending test trotation speed 10 rpm Bending test conductor cross section/weight 0.5 mm² / 0.7 kg Tensile test result Test passed Result of light fit on support Test passed Result of voltage-drop test Test passed Result of temperature-rise test <td>Nominal current I_N</td> <td>24 A</td> | Nominal current I _N | 24 A |
| 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) Permissible humidity (storage/transport) 30 % 70 °C Ambient temperature (actuation) -5 °C 70 °C 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 Result of power-frequency withstand voltage setpoint 2 kV Result of bending test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test for mechanical stability of terminal points (5 x conductor connection) 10 rpm Result of bending test turns 135 Bending test conductor cross section/weight 0.5 mm² / 0.3 kg Bending test turns 135 Bending test result Test passed Result of tight fit on support Test passed Result of voltage-drop test Test passed Result of voltage-drop test Test passed Result of voltage-drop test Test passed | Nominal voltage U _N | 800 V |
| Ambient temperature (storage/transport) -25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C) Permissible humidity (storage/transport) 30 % 70 % Ambient temperature (actualion) -5 °C 70 °C Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Result of surge voltage test Test passed Power frequency withstand voltage setpoint 2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test turns 135 Bending test conductor cross section/weight 0.5 mm² / 0.3 kg Tensile test result Test passed Result of tight fit on support Test passed Testph fit on carrier NS 35 Result of voltage-drop test Test passed Result of temperature-rise test Test passed <td>Open side panel</td> <td>Yes</td> | Open side panel | Yes |
| Permissible humidity (storage/transport) Ambient temperature (assembly) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed guaranteed Finger protection guaranteed Finger protection Finger protection Finger protection Result of surge voltage test Test passed Fest passed Fest passed Power frequency withstand voltage setpoint Fest passed Test passed Power frequency withstand voltage setpoint Fest passed Power fequency withstand voltage setpoint Fest passed Power fequency withstand voltage setpoint Fest pa | Ambient temperature (operation) | -60 °C 85 °C |
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| Ambient temperature (actuation) Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection Guaranteed Finger protection Fesult of surge voltage test Result of surge voltage test Result of power-frequency withstand voltage test Power frequency withstand voltage setpoint Pesult 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 10 rpm Bending test rotation speed 10.5 mm² / 0.3 kg 2.5 mm² / 0.7 kg Test passed Result of tight fit on support Tensile test result Result of tight fit on support Tensile test result Result of voltage-drop test Result of voltage-drop test Result of voltage-drop test Result of temperature-rise test Test passed Conductor cross section short circuit testing Short-iricuit stability result Test passed Conductor cross section short circuit testing Short-irime current Result of thermal characteristics (needle flame) effective duration 30 s Result of aging test Test passed Result of aging test Test passed Result of temperature-size test Test passed Conductor cross section short circuit testing Test passed Conductor consecutes modular terminal block temperature cycles Test passed Conductor consecutes modular terminal block temperature cycles Test passed | Permissible humidity (storage/transport) | 30 % 70 % |
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| Tensile test resultTest passedResult of tight fit on supportTest passedTight fit on carrierNS 35Setpoint1 NResult of voltage-drop testTest passedResult of temperature-rise testTest passedRequirement temperature-rise testIncrease in temperature ≤ 45 KShort circuit stability resultTest passedConductor cross section short circuit testing2.5 mm²Short-time current0.3 kAResult of thermal testTest passedAgeing test for screwless modular terminal block temperature cycles192Proof of thermal characteristics (needle flame) effective duration30 sResult of aging testTest passedOscillation, broadband noise test resultTest passed | Bending test turns | 135 |
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| Result of voltage-drop testTest passedResult of temperature-rise testTest passedRequirement temperature-rise testIncrease in temperature ≤ 45 KShort circuit stability resultTest passedConductor cross section short circuit testing2.5 mm²Short-time current0.3 kAResult of thermal testTest passedAgeing test for screwless modular terminal block temperature cycles192Proof of thermal characteristics (needle flame) effective duration30 sResult of aging testTest passedOscillation, broadband noise test resultTest passed | Tight fit on carrier | NS 35 |
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| Requirement temperature-rise testIncrease in temperature ≤ 45 KShort circuit stability resultTest passedConductor cross section short circuit testing2.5 mm²Short-time current0.3 kAResult of thermal testTest passedAgeing test for screwless modular terminal block temperature cycles192Proof of thermal characteristics (needle flame) effective duration30 sResult of aging testTest passedOscillation, broadband noise test resultTest passed | Result of voltage-drop test | Test passed |
| Short circuit stability result Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Ageing test for screwless modular terminal block temperature cycles Proof of thermal characteristics (needle flame) effective duration Result of aging test Test passed Oscillation, broadband noise test result Test passed Test passed | Result of temperature-rise test | Test passed |
| Conductor cross section short circuit testing Short-time current Result of thermal test Ageing test for screwless modular terminal block temperature cycles Proof of thermal characteristics (needle flame) effective duration Result of aging test Test passed Oscillation, broadband noise test result 2.5 mm² 1 est passed Test passed Test passed | Requirement temperature-rise test | Increase in temperature ≤ 45 K |
| Short-time current Result of thermal test Test passed Ageing test for screwless modular terminal block temperature cycles Proof of thermal characteristics (needle flame) effective duration Result of aging test Test passed Oscillation, broadband noise test result Test passed | Short circuit stability result | Test passed |
| Result of thermal test Ageing test for screwless modular terminal block temperature cycles Proof of thermal characteristics (needle flame) effective duration Result of aging test Test passed Oscillation, broadband noise test result Test passed | Conductor cross section short circuit testing | 2.5 mm² |
| Ageing test for screwless modular terminal block temperature cycles Proof of thermal characteristics (needle flame) effective duration Result of aging test Test passed Oscillation, broadband noise test result Test passed | Short-time current | 0.3 kA |
| Proof of thermal characteristics (needle flame) effective duration 30 s Result of aging test Test passed Oscillation, broadband noise test result Test passed | Result of thermal test | Test passed |
| Result of aging test Test passed Oscillation, broadband noise test result Test passed | Ageing test for screwless modular terminal block temperature cycles | 192 |
| Oscillation, broadband noise test result Test passed | Proof of thermal characteristics (needle flame) effective duration | 30 s |
| | Result of aging test | Test passed |
| Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2008-03 | Oscillation, broadband noise test result | Test passed |
| | 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 |
|---|---|
| Test frequency | f ₁ = 5 Hz to f ₂ = 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 |
| 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 |
| 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 | 2.2 mm |
| Length | 62.6 mm |
| Height NS 35/7,5 | 39.3 mm |
| Height NS 35/15 | 46.8 mm |

Connection data

| Connection | 1 level |
|---------------------------------------|------------------|
| Connection method | Quick connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.5 mm² |
| Conductor cross section solid max. | 2.5 mm² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.5 mm² |



Technical data

Connection data

| Conductor cross section flexible max. | 2.5 mm² |
|---|-----------------|
| Min. AWG conductor cross section, flexible | 20 |
| Max. AWG conductor cross section, flexible | 14 |
| Connection in acc. with standard | IEC/EN 60079-7 |
| Conductor cross section solid min. | 0.5 mm² |
| Conductor cross section solid max. | 2.5 mm² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.5 mm² |
| Conductor cross section flexible max. | 2.5 mm² |
| Material wire insulation | PVC / PE |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 Cl.1-5 |
| Max. wire diameter incl. insulation | 3.8 mm |

Standards and Regulations

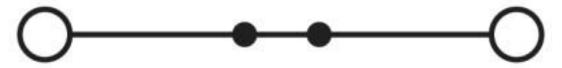
| Connection in acc. with standard | CSA |
|--|----------------|
| | IEC 60947-7-1 |
| | IEC/EN 60079-7 |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---|
| | No hazardous substances above threshold values |

Drawings

Circuit diagram



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 |
| eCI@ss 7.0 | 27141120 |



Classifications

eCl@ss

| 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 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |
| UNSPSC 18.0 | 39121410 |
| UNSPSC 19.0 | 39121410 |
| UNSPSC 20.0 | 39121410 |
| UNSPSC 21.0 | 39121410 |

Approvals

Approvals

Approvals

 ${\tt CSA/BV/LR/NK/ABS/UL~Recognized/cUL~Recognized/DNV~GL/EAC/cULus~Recognized}$

Ex Approvals

IECEx / ATEX / EAC Ex

Approval details

| CSA (F) | http://www.csagroup.org/services-indus | stries/product-listing/ 13631 |
|--------------------|--|-------------------------------|
| | В | С |
| Nominal voltage UN | 600 V | 600 V |
| Nominal current IN | 15 A | 15 A |
| mm²/AWG/kcmil | 20-14 | 20-14 |



Approvals

| BV | (| http://www.veristar.co approved/approvedP | 20148/C0 BV | | |
|---|--------------------|--|--|--------------------------|--|
| LR | Lloyds Register | http://www.lr.org/en | | 2002130TA-02 | |
| NK | ClassNl | http://www.classnk.or.jp/hp/en/ | | 09 ME 139 | |
| ABS | | http://www.eagle. | 16-HG1589079-PDA | | |
| UL Recognized | A | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425 | | | |
| | | В | C | | |
| Nominal voltage UN | | 600 V | 600 V | | |
| Nominal current IN | | 15 A | 15 A | | |
| mm²/AWG/kcmil | | 20-14 | 20-14 | | |
| CUL Recognized Nominal voltage UN Nominal current IN mm²/AWG/kcmil | . 71 | http://database.ul.com/cgi-bin/2 B 600 V 15 A 20-14 | XYV/template/LISEXT/1FRAME/index.htm C 600 V 15 A 20-14 | FILE E 60425 | |
| THIT /AVVO/ROTTII | | 20 17 | 20-14 | | |
| DNV GL | CONVEL MARTINE | https://approvalfinder.dnvgl.com/ | | TAE000014H | |
| EAC | EAE | | | EAC-Zulassung | |
| EAC | ERC | | | RU C- DE.BL08.B.00539 | |



Approvals

cULus Recognized



Accessories

Accessories

Device circuit breakers

Electronic device circuit breaker - PTCB E1 24DC/1-8A NO - 2908262



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With electronic locking of the set nominal currents. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/1-3A NO - 2909909



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With electronic locking of the set nominal currents. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/2A NO - 2909903



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With fixed nominal current. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/1-4A NO - 2908261



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With electronic locking of the set nominal currents. For installation on DIN rails.



Accessories

Electronic device circuit breaker - PTCB E1 24DC/3A NO - 2909904



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With fixed nominal current. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/4A NO - 2909906



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With fixed nominal current. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/6A NO - 2909908



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With fixed nominal current. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/1A NO - 2909902



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With fixed nominal current. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/8A NO - 2909910



Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With fixed nominal current. For installation on DIN rails.



Accessories

Electronic device circuit breaker - PTCB E1 24DC/1-8A SI-R - 1135752



Single-channel, electronic fuse for the protection of 24 V loads. Simple potential distribution using terminal blocks from the CLIPLINE complete system. With status output, reset input, and electronic interlock. For installation on DIN rails

Electronic device circuit breaker - PTCB E1 24DC/2A SI-R - 1135749



Single-channel, electronic fuse for the protection of 24 V loads. Simple potential distribution using terminal blocks from the CLIPLINE complete system. With status output, reset input, and electronic interlock. For installation on DIN rails

Electronic device circuit breaker - PTCB E1 24DC/1-4A SI-R - 1135753



Single-channel, electronic fuse for the protection of 24 V loads. Simple potential distribution using terminal blocks from the CLIPLINE complete system. With status output, reset input, and electronic interlock. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/4A SI-R - 1135745



Single-channel, electronic fuse for the protection of 24 V loads. Simple potential distribution using terminal blocks from the CLIPLINE complete system. With status output, reset input, and electronic interlock. For installation on DIN rails.

Electronic device circuit breaker - PTCB E1 24DC/6A SI-R - 1135740



Single-channel, electronic fuse for the protection of 24 V loads. Simple potential distribution using terminal blocks from the CLIPLINE complete system. With status output, reset input, and electronic interlock. For installation on DIN rails.



Accessories

Electronic device circuit breaker - PTCB E1 24DC/1A SI-R - 1135751



Single-channel, electronic fuse for the protection of 24 V loads. Simple potential distribution using terminal blocks from the CLIPLINE complete system. With status output, reset input, and electronic interlock. For installation on DIN rails

Electronic device circuit breaker - PTCB E1 24DC/8A SI-R - 1135734



Single-channel, electronic fuse for the protection of 24 V loads. Simple potential distribution using terminal blocks from the CLIPLINE complete system. With status output, reset input, and electronic interlock. For installation on DIN rails

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

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



Accessories

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

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



Accessories

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

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



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



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

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



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

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



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

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



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



Accessories

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



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

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



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

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



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

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



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

End cap - NS 35/15 CAP - 1206573



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



Accessories

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



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

End block

End clamp - 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

End cover

End cover - D-QTC 2,5 - 3206568



End cover, length: 62.6 mm, width: 2.2 mm, height: 39.3 mm, color: gray

Front adapter



Accessories

Front adapters - VIP-PA-PWR/20XOE/ 1,0M/S7 - 2904724



VIP power cabling, universal front adapter for connection to all popular 20-pos. SIMATIC S7-300 I/O modules, via 20 individual wires in rope structure, not assembled (field connection, e.g., via 20 modular terminal blocks), cable length: 1 m

Front adapters - VIP-PA-PWR/20XOE/ 2,0M/S7 - 2904725



VIP power cabling, universal front adapter for connection to all popular 20-pos. SIMATIC S7-300 I/O modules, via 20 individual wires in rope structure, not assembled (field connection, e.g., via 20 modular terminal blocks), cable length: 2 m

Front adapters - VIP-PA-PWR/20XOE/ 3,0M/S7 - 2904726



VIP power cabling, universal front adapter for connection to all popular 20-pos. SIMATIC S7-300 I/O modules, via 20 individual wires in rope structure, not assembled (field connection, e.g., via 20 modular terminal blocks), cable length: 3 m

Front adapters - VIP-PA-PWR/20XOE/10,0M/S7 - 2904730



VIP power cabling, universal front adapter for connection to all popular 20-pos. SIMATIC S7-300 I/O modules, via 20 individual wires in rope structure, not assembled (field connection, e.g., via 20 modular terminal blocks), cable length: 10 m

Front adapters - VIP-PA-PWR/40XOE/ 1,0M/S7 - 2904731



VIP power cabling, universal front adapter for connection to all popular 40-pos. SIMATIC S7-300 I/O modules, via 40 individual wires in rope structure, not assembled (field connection, e.g., via 40 modular terminal blocks), cable length: 1 m



Accessories

Front adapters - VIP-PA-PWR/40XOE/ 2,0M/S7 - 2904732



VIP power cabling, universal front adapter for connection to all popular 40-pos. SIMATIC S7-300 I/O modules, via 40 individual wires in rope structure, not assembled (field connection, e.g., via 40 modular terminal blocks), cable length: 2 m

Front adapters - VIP-PA-PWR/40XOE/ 3,0M/S7 - 2904733



VIP power cabling, universal front adapter for connection to all popular 40-pos. SIMATIC S7-300 I/O modules, via 40 individual wires in rope structure, not assembled (field connection, e.g., via 40 modular terminal blocks), cable length: 3 m

Front adapters - VIP-PA-PWR/40XOE/10,0M/S7 - 2904737



VIP power cabling, universal front adapter for connection to all popular 40-pos. SIMATIC S7-300 I/O modules, via 40 individual wires in rope structure, not assembled (field connection, e.g., via 40 modular terminal blocks), cable length: 10 m

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

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

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



Accessories

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

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



Accessories

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

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



Accessories

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

Partition plate

Partition plate - ATP-QTC - 3206209



Partition plate, length: 64.4 mm, width: 2 mm, height: 41.8 mm, color: gray

Reducing bridge

Reducing bridge - RB ST (2,5/4)-1,5 - 3038943



Reducing bridge, pitch: 7.1 mm, length: 22.7 mm, width: 10.4 mm, number of positions: 2, color: red

Screwdriver tools



Accessories

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

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

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



Accessories

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

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



Accessories

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

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



Accessories

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

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



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