

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

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Sensor/actuator terminal block, nom. voltage: 250 V, nominal current: 13.5 A, connection method: Push-in connection, number of connections: 5, cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, width: 3.5 mm, height: 40 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Your advantages

- ✓ The compact design and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- ✓ The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 50 pc |
| GTIN | |
| GTIN | 4046356735872 |

Technical data

General

| | |
|-------------------------------------------------|------------------------------------------------------------------|
| Number of levels | 4 |
| Number of connections | 5 |
| Potentials | 4 |
| Nominal cross section | 1.5 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 4 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 0.56 W (the value is multiplied when connecting multiple levels) |
| Maximum load current | 13.5 A |

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Technical data

General

| | |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Nominal current I_N | 13.5 A |
| Nominal voltage U_N | 250 V |
| 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 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 test | Test passed |
| Power frequency withstand voltage setpoint | 1.5 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 mm ² / 0.2 kg |
| | 1.5 mm ² / 0.4 kg |
| Tensile test result | Test passed |
| Result of tight fit on support | Test passed |
| Tight fit on carrier | NS 35 |
| Setpoint | 1 N |
| Result of voltage-drop test | Test passed |
| Result of temperature-rise test | Test passed |
| Short circuit stability result | Test passed |
| Conductor cross section short circuit testing | 1.5 mm ² |
| Short-time current | 0.18 kA |
| Result of thermal test | Test passed |
| Ageing test for screwless modular terminal block temperature cycles | 192 |
| Proof of thermal characteristics (needle flame) effective duration | 30 s |
| Result of aging test | Test passed |
| Oscillation, broadband noise test result | Test passed |
| Test specification, oscillation, broadband noise | DIN EN 50155 (VDE 0115-200):2008-03 |
| Test spectrum | Service life test category 2, bogie-mounted |
| Test frequency | $f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$ |
| ASD level | 6.12 (m/s ²) ² /Hz |
| Acceleration | 3.12 g |
| Test duration per axis | 5 h |

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General

| | |
|-------------------------------------------------------------------------|-------------------------------------|
| Test directions | X-, Y- and Z-axis |
| Shock test result | Test passed |
| Test specification, shock test | DIN EN 50155 (VDE 0115-200):2008-03 |
| Shock form | Half-sine |
| Acceleration | 30g |
| Shock duration | 18 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 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 | 3.5 mm |
| End cover width | 2.2 mm |
| Length | 90.8 mm |
| Height | 40 mm |
| Height NS 35/7,5 | 41.5 mm |
| Height NS 35/15 | 48.5 mm |

Connection data

| | |
|----------------------------------------------------------------------------|----------------------|
| Connection method | Push-in connection |
| Stripping length | 8 mm ... 10 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |

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Technical data

Connection data

| | |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 1 mm ² Using the AI-S 1-8 TQ ferrule, Order No. 1200293, is recommended |
| Connection cross sections directly pluggable | 0.25 mm ² 1.5 mm ² |
| Conductor cross section solid min. | 0.25 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.34 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.34 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 1 mm ² |
| Internal cylindrical gage | A1 / B1 |

Standards and Regulations

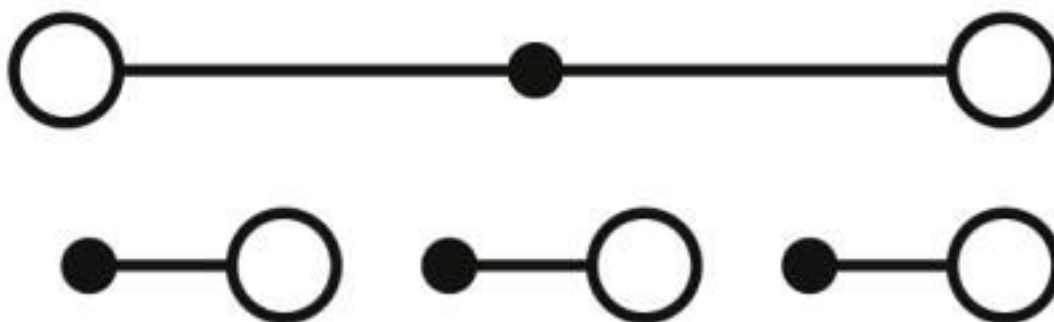
| | |
|----------------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |

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 | 27141128 |
| 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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 7.0 | 27141128 |
| eCl@ss 8.0 | 27141128 |
| eCl@ss 9.0 | 27141128 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000900 |
| ETIM 6.0 | EC000900 |
| ETIM 7.0 | EC000900 |

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

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | B | C | D |
| Nominal voltage UN | 300 V | 150 V | 300 V |
| Nominal current IN | 10 A | 15 A | 10 A |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |

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Approvals

| | | | |
|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| Nominal voltage UN | 300 V | 150 V | 300 V |
| Nominal current IN | 15 A | 15 A | 10 A |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |

| | | | |
|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| Nominal voltage UN | 300 V | 150 V | 300 V |
| Nominal current IN | 15 A | 15 A | 10 A |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.AI30.B.01102 |
|-----|--|--------------------------|

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.BL08.B.00644 |
|-----|--|--------------------------|

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Crimping pliers - CRIMPFOX CENTRUS 10S - 1213154



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 6H - 1213146



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 10H - 1213156



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX 10S - 1212045



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 10 mm², unlockable pressure lock, lateral entry

Crimping pliers - CRIMPFOX 6H - 1212046



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 6 mm², unlockable pressure lock, lateral entry

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Crimping pliers - CRIMPFOX 2,5-M - 1212719



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 2.5 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6-M - 1212720



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6T - 1212037



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6T-F - 1212038



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², front entry, trapezoidal crimp

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Crimping pliers - CRIMPFOX 6S-F - 1212043



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5 mm² ... 6 mm², front entry, square crimp

Crimping pliers - CRIMPFOX-M - 1212072



Basic pliers, for accommodating dies for a wide range of type of contacts

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

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

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

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

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

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

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

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

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

Documentation

Mounting material - PT-IL - 3208090



Operating decal for the push-in Technology

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

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

End cover - D-PTIO 1,5/S/4 - 3244588



End cover, length: 90.8 mm, width: 2.2 mm, height: 33.8 mm, color: gray

Cover segment - DS-PTIO 1,5/S - 1045987



End cover segments, large segment: 32.25 x 13.83 x 0.9, small segment: 22.65 x 11.65 x 0.9, color: gray

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, color: white



Insulating sleeve - MPS-IH RD - 0201676

Insulating sleeve, color: red



Insulating sleeve - MPS-IH BU - 0201689

Insulating sleeve, color: blue



Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Insulating sleeve - MPS-IH YE - 0201692

Insulating sleeve, color: yellow



Insulating sleeve - MPS-IH GN - 0201702

Insulating sleeve, color: green



Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, color: gray



Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, color: black



Jumper

Plug-in bridge - FBS 2-3,5 - 3213014



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: red

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Plug-in bridge - FBS 3-3,5 - 3213027



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: red

Plug-in bridge - FBS 4-3,5 - 3213030



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: red

Plug-in bridge - FBS 5-3,5 - 3213043



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: red

Plug-in bridge - FBS 10-3,5 - 3213056



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: red

Plug-in bridge - FBS 20-3,5 - 3213069



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: red

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Plug-in bridge - FBS 50-3,5 - 3000706



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: red

Plug-in bridge - FBS 2-3,5 BU - 3213086



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: blue

Plug-in bridge - FBS 3-3,5 BU - 3213099



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: blue

Plug-in bridge - FBS 4-3,5 BU - 3213109



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: blue

Plug-in bridge - FBS 5-3,5 BU - 3213112



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: blue

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Plug-in bridge - FBS 10-3,5 BU - 3213125



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: blue

Plug-in bridge - FBS 20-3,5 BU - 3213138



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: blue

Plug-in bridge - FBS 50-3,5 BU - 3000708



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: blue

Plug-in bridge - FBS 2-3,5 GY - 3213153



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: gray

Plug-in bridge - FBS 3-3,5 GY - 3213167



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: gray

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Plug-in bridge - FBS 4-3,5 GY - 3213180



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: gray

Plug-in bridge - FBS 5-3,5 GY - 3213183



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: gray

Plug-in bridge - FBS 10-3,5 GY - 3213196

Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: gray

Plug-in bridge - FBS 20-3,5 GY - 3213206



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: gray

Plug-in bridge - FBS 50-3,5 GY - 3000707



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: gray

Labeled terminal marker

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Zack Marker strip, flat - ZBF 3,5 CUS - 0829394



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 3.5 mm, lettering field size: 3.5 x 5.2 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF 3,5,LGS:FORTL.ZAHLEN - 0801406



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: 3.5 mm, lettering field size: 5.15 x 3.5 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF 3,5,QR:FORTL.ZAHLEN - 0801407



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: 3.5 mm, lettering field size: 5.15 x 3.5 mm, Number of individual labels: 10

Marker for terminal blocks - UCT-TMF 3,5 CUS - 0829644



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: 3.5 mm, lettering field size: 2.7 x 4.7 mm, Number of individual labels: 108

Partition plate

Spacer plate - DP PS-3,5 - 3031011



Spacer plate, length: 15.9 mm, width: 3.5 mm, height: 33.5 mm, number of positions: 1, color: red

Planning and marking software

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Software - CLIP-PROJECT ADVANCED - 5146040



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

Software - CLIP-PROJECT PROFESSIONAL - 5146053



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

Screwdriver tools

Actuation tool - ST-BW 0 - 1200135



Actuation tool, for all 1.5 mm² spring cages from PT 1,5/S and FT 1,5/S

Terminal marking

Marker for terminal blocks - UCTU-TM (3,5X7) - 0803666



Marking material specially for PTIO 1.5/S... terminal block range

Zack Marker strip, flat - ZBF 3,5:UNBEDRUCKT - 0829392



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: 3.5 mm, lettering field size: 3.5 x 5.2 mm, Number of individual labels: 10

Sensor/actuator terminal block - PTIO 1,5/S/4 - 3244452

Accessories

Marker for terminal blocks - UCT-TMF 3,5 - 0829486



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: 3.5 mm, lettering field size: 2.7 x 4.7 mm, Number of individual labels: 108

Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, color: gray

Test plugs - PS-3,5 - 3031010



Test plugs, Modular test plug, color: red

Test plugs - PS-3,5/E - 3031012



Test plugs, Individual test plug, color: red

Additional products

Sensor/actuator terminal block - PTIO-IN 2,5/4-PE OG - 3244481



Sensor/actuator terminal block, Feed-in terminal with protective conductor function, nom. voltage: 250 V, nominal current: 20 A, connection method: Push-in connection, number of connections: 3, cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, width: 7 mm, color: orange, mounting type: NS 35/7,5, NS 35/15

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