

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

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Protective conductor double-level terminal block, number of connections: 4, connection method: Push-in connection, 1st and 2nd level, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: green-yellow

## Your advantages

- 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
- The compact design and front connection enable wiring in a confined space
- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- Tested for railway applications

## Commercial data

|                                      |                    |
|--------------------------------------|--------------------|
| Item number                          | 3210596            |
| Packing unit                         | 50 pc              |
| Minimum order quantity               | 50 pc              |
| Product key                          | BE2224             |
| Catalog page                         | Page 72 (C-1-2019) |
| GTIN                                 | 4046356419017      |
| Weight per piece (including packing) | 13.044 g           |
| Weight per piece (excluding packing) | 12.6 g             |
| Customs tariff number                | 85369010           |
| Country of origin                    | CN                 |

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## Technical data

### Product properties

|                       |                       |
|-----------------------|-----------------------|
| Product type          | Ground terminal block |
| Area of application   | Railway industry      |
|                       | Machine building      |
|                       | Plant engineering     |
|                       | Process industry      |
| Number of connections | 4                     |
| Number of rows        | 2                     |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 20 |
|------------------|----|

### Insulation characteristics

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution  | 3   |

### Electrical properties

|                                                 |        |
|-------------------------------------------------|--------|
| Rated surge voltage                             | 6 kV   |
| Maximum power dissipation for nominal condition | 0.77 W |

### Connection data

|                                 |                     |
|---------------------------------|---------------------|
| Grounding foot                  | Yes                 |
| Number of connections per level | 2                   |
| Nominal cross section           | 2.5 mm <sup>2</sup> |
| Rated cross section AWG         | 12                  |

### 1st and 2nd level

|                                                                                                                   |                                                                |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Note                                                                                                              | Please observe the current carrying capacity of the DIN rails. |
| Stripping length                                                                                                  | 8 mm ... 10 mm                                                 |
| Internal cylindrical gage                                                                                         | A4                                                             |
| Connection in acc. with standard                                                                                  | IEC 60947-7-2                                                  |
| Conductor cross section rigid                                                                                     | 0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>                     |
| Cross section AWG                                                                                                 | 26 ... 12 (converted acc. to IEC)                              |
| Conductor cross section flexible                                                                                  | 0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>                     |
| Conductor cross section, flexible [AWG]                                                                           | 26 ... 12 (converted acc. to IEC)                              |
| Conductor cross-section flexible (ferrule without plastic sleeve)                                                 | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>                   |
| Flexible conductor cross section (ferrule with plastic sleeve)                                                    | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>                   |
| Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve) | 0.5 mm <sup>2</sup>                                            |
| Nominal cross section                                                                                             | 2.5 mm <sup>2</sup>                                            |
| Cross section AWG                                                                                                 | 26 ... 12 (converted acc. to IEC)                              |
| Stripping length                                                                                                  | 8 mm ... 10 mm                                                 |

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## 1st and 2nd level Connection cross sections directly pluggable

|                                                                   |                                              |
|-------------------------------------------------------------------|----------------------------------------------|
| Conductor cross section rigid                                     | 0.34 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Flexible conductor cross section (ferrule with plastic sleeve)    | 0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |

## Ex data

### Rated data (ATEX/IECEx)

|                             |                       |
|-----------------------------|-----------------------|
| Identification              | Ⓔ II 2 G Ex eb IIC Gb |
| Operating temperature range | -60 °C ... 110 °C     |
| Ex-certified accessories    | 3211634 D-PTTB 2,5    |
|                             | 1204517 SZF 1-0,6X3,5 |
|                             | 3022276 CLIPFIX 35-5  |
|                             | 3022218 CLIPFIX 35    |
| output                      | (Permanent)           |

### Ex connection data General

|                              |                                              |
|------------------------------|----------------------------------------------|
| Nominal cross section        | 2.5 mm <sup>2</sup>                          |
| Rated cross section AWG      | 14                                           |
| Connection capacity rigid    | 0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Connection capacity AWG      | 26 ... 12                                    |
| Connection capacity flexible | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Connection capacity AWG      | 26 ... 14                                    |

## Dimensions

|                    |         |
|--------------------|---------|
| Width              | 5.2 mm  |
| End cover width    | 2.2 mm  |
| Height             | 68 mm   |
| Depth on NS 35/7,5 | 47.5 mm |
| Depth on NS 35/15  | 55 mm   |

## Material specifications

|                                                                         |              |
|-------------------------------------------------------------------------|--------------|
| Color                                                                   | green-yellow |
| Flammability rating according to UL 94                                  | V0           |
| Insulating material group                                               | I            |
| Insulating material                                                     | PA           |
| Static insulating material application in cold                          | -60 °C       |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C       |
| Relative insulation material temperature index (Elec., UL 746 B)        | 130 °C       |
| 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  |

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|                                                         |          |
|---------------------------------------------------------|----------|
| Calorimetric heat release NFPA 130 (ASTM E 1354)        | 28 MJ/kg |
| 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   |

## Mechanical properties

### Mechanical data

|                 |     |
|-----------------|-----|
| Open side panel | Yes |
|-----------------|-----|

## Environmental and real-life conditions

### Oscillation/broadband noise

|                        |                                                |
|------------------------|------------------------------------------------|
| Specification          | DIN EN 50155 (VDE 0115-200):2008-03            |
| Spectrum               | Service life test category 2, bogie-mounted    |
| Frequency              | $f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$ |
| ASD level              | $6.12 \text{ (m/s}^2\text{)}^2\text{/Hz}$      |
| Acceleration           | 3.12g                                          |
| Test duration per axis | 5 h                                            |
| Test directions        | X-, Y- and Z-axis                              |
| Result                 | Test passed                                    |

### Shocks

|                                |                                     |
|--------------------------------|-------------------------------------|
| Specification                  | DIN EN 50155 (VDE 0115-200):2008-03 |
| Pulse shape                    | Half-sine                           |
| Acceleration                   | 30g                                 |
| Shock duration                 | 18 ms                               |
| Number of shocks per direction | 3                                   |
| Test directions                | X-, Y- and Z-axis (pos. and neg.)   |
| Result                         | Test passed                         |

### Ambient conditions

|                                          |                                                                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)          | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
| Ambient temperature (storage/transport)  | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)                                                    |
| Ambient temperature (assembly)           | -5 °C ... 70 °C                                                                                                              |
| Ambient temperature (actuation)          | -5 °C ... 70 °C                                                                                                              |
| Permissible humidity (operation)         | 20 % ... 90 %                                                                                                                |
| Permissible humidity (storage/transport) | 30 % ... 70 %                                                                                                                |

## Standards and regulations

|                                  |               |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-2 |
|----------------------------------|---------------|

## Mounting

|               |           |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
|---------------|-----------|

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terminal block



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|  |          |
|--|----------|
|  | NS 35/15 |
|--|----------|

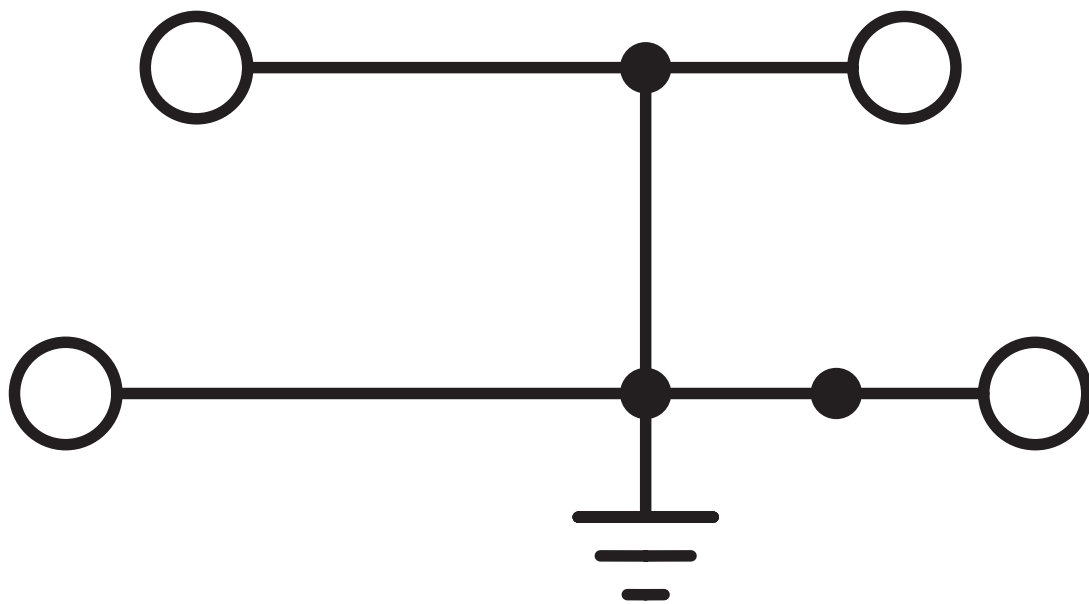
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## Drawings

Circuit diagram



# PTTB 2,5-PE - Protective conductor double-level terminal block



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<https://www.phoenixcontact.com/pc/products/3210596>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3210596>



**CSA**

Approval ID: 13631



**IECEE CB Scheme**

Approval ID: DE1-62994

|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | -                     | -                     | -                 | 0.2 - 2.5                   |



**cULus Recognized**

Approval ID: E60425

|             | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|-------------|-----------------------|-----------------------|-------------------|-----------------------------|
| Use group B |                       |                       |                   |                             |
|             | -                     | -                     | 26 - 12           | -                           |
| Use group C |                       |                       |                   |                             |
|             | -                     | -                     | 26 - 12           | -                           |



**LR**

Approval ID: LR2371832TA



**NK**

Approval ID: 22ME0007



**BV**

Approval ID: 25278/C1 BV



**CSA**

Approval ID: 2030668



**VDE Zeichengenehmigung**

Approval ID: 40036433

|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | -                     | -                     | -                 | 0.2 - 2.5                   |

# PTTB 2,5-PE - Protective conductor double-level terminal block



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## ABS

Approval ID: 21-2192245-PDA



## NK

Approval ID: 14ME0912

## DNV

Approval ID: TAE000010T



## EAC Ex

Approval ID: RU C-DE.HA91.B.00066



## IEC Ex

Approval ID: IECExPTB10.0021U

|                          | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|--------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
| Only flexible conductors | -                     | -                     | -                 | 0.14 - 2.5                  |
| Only rigid conductors    | -                     | -                     | -                 | 0.14 - 4                    |



## ATEX

Approval ID: PTB09ATEX1111U

|                          | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|--------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
| Only flexible conductors | -                     | -                     | -                 | 0.14 - 2.5                  |
| Only rigid conductors    | -                     | -                     | -                 | 0.14 - 4                    |



## CCC

Approval ID: 2020322313000631



## UKCA-EX

Approval ID: CSAE 22UKEX1096U



# PTTB 2,5-PE - Protective conductor double-level terminal block



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27141141 |
| ECLASS-13.0 | 27250104 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000901 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

# PTTB 2,5-PE - Protective conductor double-level terminal block



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## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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## Accessories

### ATP-STTB 4 - Partition plate

3030747

<https://www.phoenixcontact.com/pc/products/3030747>

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



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### D-PTTB 2,5 - End cover

3211634

<https://www.phoenixcontact.com/pc/products/3211634>

End cover, depth: 39.6 mm, width: 2.2 mm, height: 68 mm, color: gray



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## STP 5-2 - Marker carriers

0800967

<https://www.phoenixcontact.com/pc/products/0800967>



Marker carriers, snaps into STTB 2,5, STTB 4, PTTB 2,5, and PTTB 4 double-level spring-cage terminal blocks, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: plug in, lettering field size: 5 x 10.5 mm

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## STP 5-2/S - Marker carriers

0800970

<https://www.phoenixcontact.com/pc/products/0800970>



Marker carriers, snaps into the ZFKK 1,5 double-level spring-cage terminal block with MSTBV or ICV load contact, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: plug in, lettering field size: 5 x 10.5 mm

# PTTB 2,5-PE - Protective conductor double-level terminal block



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## CEC 2,5 - Filler plug

3062757

<https://www.phoenixcontact.com/pc/products/3062757>



Cover for conductor shaft, 10-pos., for spring cage terminal blocks (ST) and terminal blocks with push-in technology (PT) with a width of 5.2 mm

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## WS PT 2,5 - Warning label

1029026

<https://www.phoenixcontact.com/pc/products/1029026>



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 5.2 mm

## PTTB 2,5-PE - Protective conductor double-level terminal block



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<https://www.phoenixcontact.com/pc/products/3210596>

## WS-DIO PT 2,5 - Warning label

1029037

<https://www.phoenixcontact.com/pc/products/1029037>



Warning label, yellow/black, labeled: Diode, mounting type: plug in, for terminal block width: 5.2 mm

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## LPO 2,5/E - Pick-off plug

3270516

<https://www.phoenixcontact.com/pc/products/3270516>



Pick-off plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup>- 4 mm<sup>2</sup>, color: gray

# PTTB 2,5-PE - Protective conductor double-level terminal block



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## LPO 2,5 - Pick-off plug

3270517

<https://www.phoenixcontact.com/pc/products/3270517>



Pick-off plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup>- 4 mm<sup>2</sup>, color: gray

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## LPS-5/E - Service connector

3270520

<https://www.phoenixcontact.com/pc/products/3270520>



Service connector, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup>- 4 mm<sup>2</sup>, color: red

## PTTB 2,5-PE - Protective conductor double-level terminal block



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<https://www.phoenixcontact.com/pc/products/3210596>

## LPS-5 - Service connector

3270521

<https://www.phoenixcontact.com/pc/products/3270521>



Service connector, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup>- 4 mm<sup>2</sup>, color: red

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

0801733

<https://www.phoenixcontact.com/pc/products/0801733>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver



# PTTB 2,5-PE - Protective conductor double-level terminal block



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<https://www.phoenixcontact.com/pc/products/3210596>

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

0801681

<https://www.phoenixcontact.com/pc/products/0801681>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

1204119

<https://www.phoenixcontact.com/pc/products/1204119>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

# PTTB 2,5-PE - Protective conductor double-level terminal block



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<https://www.phoenixcontact.com/pc/products/3210596>

## NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

<https://www.phoenixcontact.com/pc/products/1204122>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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

0801704

<https://www.phoenixcontact.com/pc/products/0801704>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

# PTTB 2,5-PE - Protective conductor double-level terminal block



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<https://www.phoenixcontact.com/pc/products/3210596>

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

1206421

<https://www.phoenixcontact.com/pc/products/1206421>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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

1206434

<https://www.phoenixcontact.com/pc/products/1206434>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

# PTTB 2,5-PE - Protective conductor double-level terminal block



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## NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

<https://www.phoenixcontact.com/pc/products/0801762>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

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

1206560

<https://www.phoenixcontact.com/pc/products/1206560>

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



# PTTB 2,5-PE - Protective conductor double-level terminal block



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

1201730

<https://www.phoenixcontact.com/pc/products/1201730>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

1201714

<https://www.phoenixcontact.com/pc/products/1201714>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

# PTTB 2,5-PE - Protective conductor double-level terminal block



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

0806602

<https://www.phoenixcontact.com/pc/products/0806602>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white

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## NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204135

<https://www.phoenixcontact.com/pc/products/1204135>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

# PTTB 2,5-PE - Protective conductor double-level terminal block



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

1201756

<https://www.phoenixcontact.com/pc/products/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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

1206599

<https://www.phoenixcontact.com/pc/products/1206599>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

# PTTB 2,5-PE - Protective conductor double-level terminal block



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

1206586

<https://www.phoenixcontact.com/pc/products/1206586>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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## NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

<https://www.phoenixcontact.com/pc/products/1201895>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored



# PTTB 2,5-PE - Protective conductor double-level terminal block



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## NS 35/15 CAP - End cap

1206573

<https://www.phoenixcontact.com/pc/products/1206573>

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



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## NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

<https://www.phoenixcontact.com/pc/products/1201798>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver

# PTTB 2,5-PE - Protective conductor double-level terminal block



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## ZBF 5:UNBEDRUCKT - Zack Marker strip, flat

0808642

<https://www.phoenixcontact.com/pc/products/0808642>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

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## ZBF 5 CUS - Zack Marker strip, flat

0825025

<https://www.phoenixcontact.com/pc/products/0825025>



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

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<https://www.phoenixcontact.com/pc/products/3210596>

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

0808671

<https://www.phoenixcontact.com/pc/products/0808671>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: latching, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

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

0808697

<https://www.phoenixcontact.com/pc/products/0808697>



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: latching, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## ZBF 5,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810821

<https://www.phoenixcontact.com/pc/products/0810821>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: latching, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

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## ZBF 5,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810863

<https://www.phoenixcontact.com/pc/products/0810863>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: latching, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## UC-TMF 5 - Marker for terminal blocks

0818153

<https://www.phoenixcontact.com/pc/products/0818153>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

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## UC-TMF 5 CUS - Marker for terminal blocks

0824638

<https://www.phoenixcontact.com/pc/products/0824638>



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: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## UCT-TMF 5 - Marker for terminal blocks

0828744

<https://www.phoenixcontact.com/pc/products/0828744>



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: latching, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

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## UCT-TMF 5 CUS - Marker for terminal blocks

0829658

<https://www.phoenixcontact.com/pc/products/0829658>



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: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

### MPS-MT - Test plug

0201744

<https://www.phoenixcontact.com/pc/products/0201744>



Test plug, with solder connection up to 1 mm<sup>2</sup> conductor cross section, number of positions: 1, color: gray

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### MPS-IH WH - Insulating sleeve

0201663

<https://www.phoenixcontact.com/pc/products/0201663>

Insulating sleeve, color: white



# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## MPS-IH RD - Insulating sleeve

0201676

<https://www.phoenixcontact.com/pc/products/0201676>

Insulating sleeve, color: red



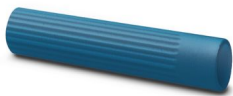
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## MPS-IH BU - Insulating sleeve

0201689

<https://www.phoenixcontact.com/pc/products/0201689>

Insulating sleeve, color: blue





## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

### MPS-IH YE - Insulating sleeve

0201692

<https://www.phoenixcontact.com/pc/products/0201692>

Insulating sleeve, color: yellow



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### MPS-IH GN - Insulating sleeve

0201702

<https://www.phoenixcontact.com/pc/products/0201702>

Insulating sleeve, color: green



## PTTB 2,5-PE - Protective conductor double-level terminal block

3210596

<https://www.phoenixcontact.com/pc/products/3210596>

### MPS-IH GY - Insulating sleeve

0201728

<https://www.phoenixcontact.com/pc/products/0201728>

Insulating sleeve, color: gray



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### MPS-IH BK - Insulating sleeve

0201731

<https://www.phoenixcontact.com/pc/products/0201731>

Insulating sleeve, color: black



# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## ISH 2,5/0,2 - Insulating sleeve

3002843

<https://www.phoenixcontact.com/pc/products/3002843>

Insulating sleeve, color: white



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## ISH 2,5/0,5 - Insulating sleeve

3002856

<https://www.phoenixcontact.com/pc/products/3002856>

Insulating sleeve, color: gray



## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

### ISH 2,5/1,0 - Insulating sleeve

3002869

<https://www.phoenixcontact.com/pc/products/3002869>

Insulating sleeve, color: black



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

3035975

<https://www.phoenixcontact.com/pc/products/3035975>

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



## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

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

3035974

<https://www.phoenixcontact.com/pc/products/3035974>



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

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

3035977

<https://www.phoenixcontact.com/pc/products/3035977>



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

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

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

3035976

<https://www.phoenixcontact.com/pc/products/3035976>



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

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

3035978

<https://www.phoenixcontact.com/pc/products/3035978>



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

## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

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

3035980

<https://www.phoenixcontact.com/pc/products/3035980>

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



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

3035982

<https://www.phoenixcontact.com/pc/products/3035982>

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



## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

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

3035979

<https://www.phoenixcontact.com/pc/products/3035979>



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

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

3035981

<https://www.phoenixcontact.com/pc/products/3035981>



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



## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

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

3035983

<https://www.phoenixcontact.com/pc/products/3035983>

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



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### PS-5 - Test plug

3030983

<https://www.phoenixcontact.com/pc/products/3030983>

Test plug, Modular test plug, number of positions: 1, color: red



# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## DP PS-5 - Spacer plate

3036725

<https://www.phoenixcontact.com/pc/products/3036725>



Spacer plate, depth: 29 mm, width: 5.2 mm, height: 22.4 mm, number of positions: 1, color: red

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## PS-5/2,3MM RD - Test plug

3038723

<https://www.phoenixcontact.com/pc/products/3038723>



Test plug, number of positions: 1, color: red

## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

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

1204517

<https://www.phoenixcontact.com/pc/products/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

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### ST-BW - Actuation tool

1207608

<https://www.phoenixcontact.com/pc/products/1207608>



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

## PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

### PROJECT COMPLETE - Software

1050453

<https://www.phoenixcontact.com/pc/products/1050453>



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

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### CRIMPFOX CENTRUS 6S - Crimping pliers

1213144

<https://www.phoenixcontact.com/pc/products/1213144>



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

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## CRIMPFOX CENTRUS 10S - Crimping pliers

1213154

<https://www.phoenixcontact.com/pc/products/1213154>



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

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## CRIMPFOX CENTRUS 6H - Crimping pliers

1213146

<https://www.phoenixcontact.com/pc/products/1213146>



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

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## CRIMPFOX CENTRUS 10H - Crimping pliers

1213156

<https://www.phoenixcontact.com/pc/products/1213156>



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

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## CRIMPFOX 10S - Crimping pliers

1212045

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 10 mm<sup>2</sup>, unlockable pressure lock, lateral entry

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## CRIMPFOX 6H - Crimping pliers

1212046

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 6 mm<sup>2</sup>, unlockable pressure lock, lateral entry

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## CRIMPFOX 2,5-M - Crimping pliers

1212719

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, lateral entry, trapezoidal crimp

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## CRIMPFOX 6-M - Crimping pliers

1212720

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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## CRIMPFOX 6 - Crimping pliers

1212034

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp



# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## CRIMPFOX 6T - Crimping pliers

1212037

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 6 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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## CRIMPFOX 6T-F - Crimping pliers

1212038

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, trapezoidal crimp

# PTTB 2,5-PE - Protective conductor double-level terminal block



3210596

<https://www.phoenixcontact.com/pc/products/3210596>

## CRIMPFOX 6S-F - Crimping pliers

1212043

<https://www.phoenixcontact.com/pc/products/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 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, square crimp

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## CRIMPFOX-M - Crimping pliers

1212072

<https://www.phoenixcontact.com/pc/products/1212072>



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

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