

# XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

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Protective conductor terminal block, number of connections: 2, number of positions: 1, connection method: Push-X-connection, Rated cross section: 16 mm<sup>2</sup>, cross section: 2.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: green-yellow

## Your advantages

- Fast, powerless conductor connection for all conductor types with the pretensioned contact spring
- A high level of flexibility when inserting conductors enables conductors with or without ferrules to be connected easily
- Clear conductor connection with the lateral connection direction and the clear pusher position
- Easy procurement of information – the QR code on the terminal block provides all important information about the product
- Terminal blocks with Push-X connection are part of the COMPLETE line system

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1329674       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 1 pc          |
| Product key                          | BE2521        |
| GTIN                                 | 4063151625320 |
| Weight per piece (including packing) | 53.72 g       |
| Weight per piece (excluding packing) | 52.5 g        |
| Customs tariff number                | 85369010      |
| Country of origin                    | CN            |

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## Technical data

### Product properties

|                       |                       |
|-----------------------|-----------------------|
| Product type          | Ground terminal block |
| Product family        | XTV                   |
| Area of application   | Railway industry      |
|                       | Machine building      |
|                       | Plant engineering     |
| Number of positions   | 1                     |
| Number of connections | 2                     |
| Number of rows        | 1                     |
| Potentials            | 1                     |

### Insulation characteristics

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

### Electrical properties

|                                                 |      |
|-------------------------------------------------|------|
| Rated surge voltage                             | 8 kV |
| Maximum power dissipation for nominal condition | 0 W  |

### Connection data

|                                                                   |                                            |
|-------------------------------------------------------------------|--------------------------------------------|
| Number of connections per level                                   | 2                                          |
| Nominal cross section                                             | 16 mm <sup>2</sup>                         |
| Stripping length                                                  | 18 mm ... 20 mm                            |
| Internal cylindrical gage                                         | A7                                         |
|                                                                   | B6                                         |
| Connection in acc. with standard                                  | IEC 60947-7-2                              |
| Conductor cross section rigid                                     | 2.5 mm <sup>2</sup> ... 25 mm <sup>2</sup> |
| Cross section AWG                                                 | 12 ... 4 (converted acc. to IEC)           |
| Conductor cross section flexible                                  | 4 mm <sup>2</sup> ... 25 mm <sup>2</sup>   |
| Conductor cross section, flexible [AWG]                           | 10 ... 4 (converted acc. to IEC)           |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 2.5 mm <sup>2</sup> ... 16 mm <sup>2</sup> |
| Flexible conductor cross section (ferrule with plastic sleeve)    | 2.5 mm <sup>2</sup> ... 16 mm <sup>2</sup> |
| Nominal cross section                                             | 16 mm <sup>2</sup>                         |

### Dimensions

|                    |         |
|--------------------|---------|
| Width              | 12.2 mm |
| Height             | 77.2 mm |
| Depth              | 49.8 mm |
| Depth on NS 35/7,5 | 51.3 mm |
| Depth on NS 35/15  | 58.8 mm |

### Material specifications

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|                                                                  |              |
|------------------------------------------------------------------|--------------|
| 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       |
| 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  |
| 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):2018-05            |
| Spectrum               | Long 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):2018-05 |
| 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                                                                                                              |

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

# XTV 16-PE - Protective conductor terminal block

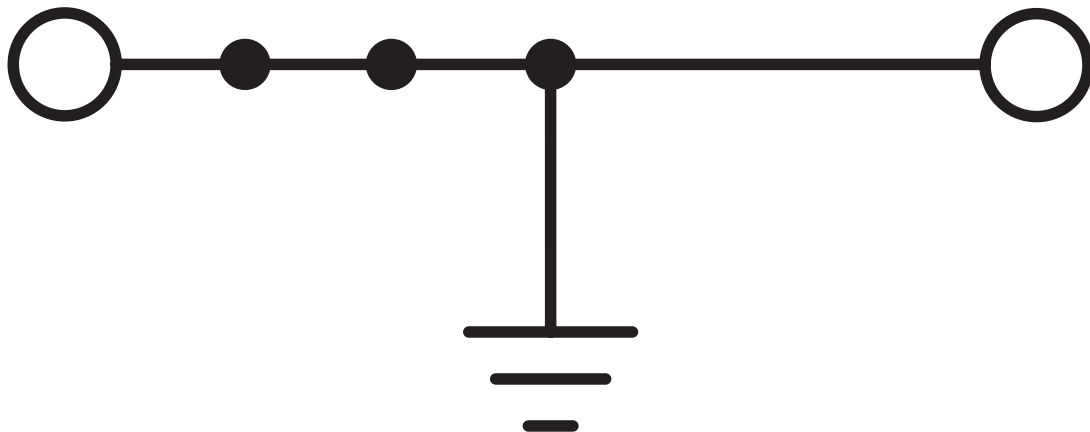


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## Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1329674>

| CSA<br>Approval ID: 2030668 |                       |                       |                   |                             |
|-----------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                             | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| Use group B                 | -                     | -                     | 10 - 4            | -                           |
| Use group C                 | -                     | -                     | 10 - 4            | -                           |

| cULus Recognized<br>Approval ID: E60425 |                       |                       |                   |                             |
|-----------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                         | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| Use group B                             | -                     | -                     | 10 - 4            | -                           |
| Use group C                             | -                     | -                     | 10 - 4            | -                           |

| DNV<br>Approval ID: TAE000050T |  |  |  |  |
|--------------------------------|--|--|--|--|
|--------------------------------|--|--|--|--|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27250103 |
|-------------|----------|

### ETIM

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

### UNSPSC

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

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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

**i** Note: Applying some accessories below might limit this product.

### FBS 2-12 - Plug-in bridge

3005950

<https://www.phoenixcontact.com/pc/products/3005950>



Plug-in bridge, pitch: 12 mm, number of positions: 2, color: red

**i** Max. current carrying capacity: 76 A

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### RB ST 16-1,5/S - Reducing bridge

3213254

<https://www.phoenixcontact.com/pc/products/3213254>



Reducing bridge, pitch: 10 mm, number of positions: 2, length: 37 mm, color: red

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<https://www.phoenixcontact.com/pc/products/1329674>

## RB ST 16-(2,5/4) - Reducing bridge

3030886

<https://www.phoenixcontact.com/pc/products/3030886>



Reducing bridge, pitch: 11 mm, number of positions: 2, length: 37 mm, color: red

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## RB 35-16 - Reducing bridge

3032169

<https://www.phoenixcontact.com/pc/products/3032169>



Reducing bridge, pitch: 14 mm, number of positions: 2, color: red

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<https://www.phoenixcontact.com/pc/products/1329674>

## RB 16-6 - Reducing bridge

3047072

<https://www.phoenixcontact.com/pc/products/3047072>

Reducing bridge, pitch: 12.2 mm, number of positions: 2, color: red



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## D-XTV 16 - End cover

1329675

<https://www.phoenixcontact.com/pc/products/1329675>

End cover, depth: 43.6 mm, width: 2.2 mm, height: 77.2 mm, color: gray



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<https://www.phoenixcontact.com/pc/products/1329674>

## LPS-12/E - Service connector

3270600

<https://www.phoenixcontact.com/pc/products/3270600>



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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## LPS-12 - Service connector

3270601

<https://www.phoenixcontact.com/pc/products/3270601>



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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<https://www.phoenixcontact.com/pc/products/1329674>

## LPO 16/E - Pick-off plug

3270531

<https://www.phoenixcontact.com/pc/products/3270531>



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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## LPO 16 - Pick-off plug

3270532

<https://www.phoenixcontact.com/pc/products/3270532>



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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<https://www.phoenixcontact.com/pc/products/1329674>

## 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

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## 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-colored

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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-colored

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## 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-colored

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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-colored

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## 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-colored



# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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-colored

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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

# XTV 16-PE - Protective conductor terminal block



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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



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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-colored

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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-colored

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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

# XTV 16-PE - Protective conductor terminal block



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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-colored

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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-colored

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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-colored

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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-colored

# XTV 16-PE - Protective conductor terminal block



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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

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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



# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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-colored

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## ZBF 12:UNBEDRUCKT - Zack Marker strip, flat

0809735

<https://www.phoenixcontact.com/pc/products/0809735>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 12 mm, Number of individual labels: 5, text field height: 12.15 mm, text field width: 5.15 mm

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## ZBF 12 CUS - Zack Marker strip, flat

0825018

<https://www.phoenixcontact.com/pc/products/0825018>



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: 12 mm, Number of individual labels: 5, text field height: 12.15 mm, text field width: 5.15 mm

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## UC-TMF 12 - Marker for terminal blocks

0819233

<https://www.phoenixcontact.com/pc/products/0819233>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 12 mm, Number of individual labels: 40, text field height: 5.1 mm, text field width: 11.45 mm



# XTV 16-PE - Protective conductor terminal block



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## UC-TMF 12 CUS - Marker for terminal blocks

0824670

<https://www.phoenixcontact.com/pc/products/0824670>



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: 12 mm, Number of individual labels: 40, text field height: 5.1 mm, text field width: 11.45 mm

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## UCT-TMF 12 - Marker for terminal blocks

0829214

<https://www.phoenixcontact.com/pc/products/0829214>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME 2.0, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, TOPMARK NEO, TOPMARK LASER, mounting type: latching, for terminal block width: 12 mm, Number of individual labels: 30, text field height: 4.7 mm, text field width: 11.2 mm

## XTV 16-PE - Protective conductor terminal block

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## UCT-TMF 12 CUS - Marker for terminal blocks

0829686

<https://www.phoenixcontact.com/pc/products/0829686>



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: 12 mm, Number of individual labels: 30, text field height: 4.7 mm, text field width: 11.2 mm

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## ZB 12:UNPRINTED - Zack marker strip

0812120

<https://www.phoenixcontact.com/pc/products/0812120>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 12.2 mm, Number of individual labels: 5, text field height: 10.5 mm, text field width: 12.15 mm

# XTV 16-PE - Protective conductor terminal block



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## ZB 12 CUS - Zack marker strip

0824942

<https://www.phoenixcontact.com/pc/products/0824942>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 12.2 mm, Number of individual labels: 5, text field height: 12.15 mm, text field width: 10.5 mm

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## ZB 12,LGS:L1-N,PE - Zack marker strip

0812146

<https://www.phoenixcontact.com/pc/products/0812146>



Zack marker strip, Strip, white, labeled, printed horizontally: L1, L2, L3, N, PE, mounting type: latching, for terminal block width: 12.2 mm, Number of individual labels: 5, text field height: 10.5 mm, text field width: 12.15 mm

# XTV 16-PE - Protective conductor terminal block



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## UC-TM 12 - Marker for terminal blocks

0819194

<https://www.phoenixcontact.com/pc/products/0819194>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 12 mm, Number of individual labels: 40, text field height: 10.5 mm, text field width: 11.45 mm

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## UC-TM 12 CUS - Marker for terminal blocks

0824613

<https://www.phoenixcontact.com/pc/products/0824613>



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: 12 mm, Number of individual labels: 40, text field height: 10.5 mm, text field width: 11.45 mm

# XTV 16-PE - Protective conductor terminal block



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## UCT-TM 12 - Marker for terminal blocks

0829144

<https://www.phoenixcontact.com/pc/products/0829144>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME 2.0, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, TOPMARK NEO, TOPMARK LASER, mounting type: latching, for terminal block width: 12 mm, Number of individual labels: 30, text field height: 9.6 mm, text field width: 10.8 mm

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## UCT-TM 12 CUS - Marker for terminal blocks

0829630

<https://www.phoenixcontact.com/pc/products/0829630>



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: 12 mm, Number of individual labels: 30, text field height: 9.6 mm, text field width: 10.8 mm

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## 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



# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red



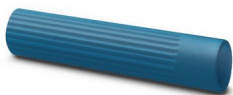
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## MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue



# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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





# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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



# XTV 16-PE - Protective conductor terminal block



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## 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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## SZF 3-1,0X5,5 - Screwdriver

1206612

<https://www.phoenixcontact.com/pc/products/1206612>



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## Al 4 -18 GY - Ferrule

3200593

<https://www.phoenixcontact.com/pc/products/3200593>



Ferrule, Length contact range: 18 mm, sleeve length: 26 mm, color: gray

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## Al 6 -18 YE - Ferrule

3200603

<https://www.phoenixcontact.com/pc/products/3200603>



Ferrule, Length contact range: 18 mm, sleeve length: 26 mm, color: yellow

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## AI 10 -18 RD - Ferrule

3200616

<https://www.phoenixcontact.com/pc/products/3200616>

Ferrule, Length contact range: 18 mm, sleeve length: 28 mm, color: red



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## AI 16 -18 BU - Ferrule

3200629

<https://www.phoenixcontact.com/pc/products/3200629>

Ferrule, Length contact range: 18 mm, sleeve length: 28 mm, color: blue



# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## CUTFOX 12 - Cable-cutting tool

1212128

<https://www.phoenixcontact.com/pc/products/1212128>



**Cable cutter**, for copper and aluminum up to 12 mm diameter (up to 35 mm<sup>2</sup>)

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## CUTFOX 18 - Cable-cutting tool

1212129

<https://www.phoenixcontact.com/pc/products/1212129>



**Cable cutter**, angled, for copper and aluminum up to 18 mm diameter (up to 50 mm<sup>2</sup>)

## XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

### WIREFOX-E 10 - Stripping tool

1212706

<https://www.phoenixcontact.com/pc/products/1212706>



Stripping tool, for cables and conductors from 0.02 - 10 mm<sup>2</sup>, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm<sup>2</sup> stranded/1.5 mm<sup>2</sup> solid, replaceable stripping blade

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### WIREFOX 10 - Stripping tool

1212150

<https://www.phoenixcontact.com/pc/products/1212150>



Stripping tool, for cables and conductors from 0.02 - 10 mm<sup>2</sup>, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm<sup>2</sup> stranded/1.5 mm<sup>2</sup> solid, replaceable stripping blade

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## WIREFOX-E 16 - Stripping tool

1212707

<https://www.phoenixcontact.com/pc/products/1212707>



Stripping tool, for cables and conductors from 4 - 16 mm<sup>2</sup>, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm<sup>2</sup> stranded/1.5 mm<sup>2</sup> solid, replaceable stripping blade

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## WIREFOX 16 - Stripping tool

1212155

<https://www.phoenixcontact.com/pc/products/1212155>



Stripping tool, for cables and conductors from 4 - 16 mm<sup>2</sup>, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm<sup>2</sup> stranded/1.5 mm<sup>2</sup> solid, replaceable stripping blade

# XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

## CRIMPFOX DUO 16S - Crimping pliers

1202877

<https://www.phoenixcontact.com/pc/products/1202877>



Crimping pliers, contact type: insulated and uninsulated ferrules, standards/regulations: DIN 46228-1, DIN 46228-4, UL 486F, Form A, E, F, cross-section, minimum: 0.14 mm<sup>2</sup>, cross-section, maximum: 16 mm<sup>2</sup>, for TWIN ferrules up to 2 mm<sup>2</sup> x 6 mm<sup>2</sup>, automatic cross-section adjustment, rotating dies, lateral and front entry, crimping: square

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## CRIMPFOX 25R - Crimping pliers

1212039

<https://www.phoenixcontact.com/pc/products/1212039>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 10 mm<sup>2</sup> ... 25 mm<sup>2</sup>, lateral entry, WM crimp



## XTV 16-PE - Protective conductor terminal block

1329674

<https://www.phoenixcontact.com/pc/products/1329674>



## CRIMPFOX 16R TWIN - Crimping pliers

1212845

<https://www.phoenixcontact.com/pc/products/1212845>



Crimping pliers, for TWIN ferrules according to UL 486F, three marked die stations, unlockable pressure lock, lateral entry

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## 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

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## 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

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## 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

# XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

## 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

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## 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

# XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

## 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

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## 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

# XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

## 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

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## 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

# XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

## 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

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## 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

# XTV 16-PE - Protective conductor terminal block



1329674

<https://www.phoenixcontact.com/pc/products/1329674>

## 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

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## 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

# XTV 16-PE - Protective conductor terminal block



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<https://www.phoenixcontact.com/pc/products/1329674>

## CRIMPFOX 10 - Crimping pliers

1212721

<https://www.phoenixcontact.com/pc/products/1212721>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 4 mm<sup>2</sup> ... 10 mm<sup>2</sup>, lateral entry, trapezoidal 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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