

## Ground modular terminal block - UT 6/1P-PE - 3060555

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Ground modular terminal block, Connection method: Pluggable screw terminal block, Cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, Width: 8.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Minimum order quantity               | 50 1     |
| Weight per Piece (excluding packing) | 21.2 GRM |
| Custom tariff number                 | 85369010 |
| Country of origin                    | China    |

### Technical data

#### General

|                                         |              |
|-----------------------------------------|--------------|
| Number of levels                        | 1            |
| Number of connections                   | 2            |
| Color                                   | green-yellow |
| Insulating material                     | PA           |
| Inflammability class according to UL 94 | V0           |
| Rated surge voltage                     | 8 kV         |
| Pollution degree                        | 3            |
| Surge voltage category                  | III          |
| Insulating material group               | I            |
| Connection in acc. with standard        | IEC 61984    |
| Open side panel                         | ja           |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 8.2 mm  |
| Length | 49.1 mm |

# Ground modular terminal block - UT 6/1P-PE - 3060555

## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |

### Connection data

|                                                                                         |                                |
|-----------------------------------------------------------------------------------------|--------------------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>            |
| Conductor cross section solid max.                                                      | 10 mm <sup>2</sup>             |
| Conductor cross section AWG/kcmil min.                                                  | 24                             |
| Conductor cross section AWG/kcmil max                                                   | 8                              |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>            |
| Conductor cross section stranded max.                                                   | 10 mm <sup>2</sup>             |
| Min. AWG conductor cross section, stranded                                              | 24                             |
| Max. AWG conductor cross section, stranded                                              | 8                              |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup>           |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>              |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup>           |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>              |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>            |
| 2 conductors with same cross section, solid max.                                        | 2.5 mm <sup>2</sup>            |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>            |
| 2 conductors with same cross section, stranded max.                                     | 2.5 mm <sup>2</sup>            |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>            |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm <sup>2</sup>              |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup>           |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>            |
| Connection method                                                                       | Pluggable screw terminal block |
| Stripping length                                                                        | 10 mm                          |
| Internal cylindrical gage                                                               | A5                             |
| Screw thread                                                                            | M4                             |
| Tightening torque, min                                                                  | 1.5 Nm                         |
| Tightening torque max                                                                   | 1.8 Nm                         |

## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
|------------|----------|

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |
| eCl@ss 6.0 | 27141141 |
| eCl@ss 7.0 | 27141141 |
| eCl@ss 8.0 | 27141141 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### Approvals

#### Approvals

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#### Approvals

GOST / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Approvals

|                                                                                                                           |        |
|---------------------------------------------------------------------------------------------------------------------------|--------|
| VDE Gutachten mit Fertigungsüberwachung  |        |
| mm²/AWG/kcmil                                                                                                             | 0.2-10 |
| Nominal voltage UN                                                                                                        | 1000 V |

|                                                                                                   |        |
|---------------------------------------------------------------------------------------------------|--------|
| IECEE CB Scheme  |        |
| mm²/AWG/kcmil                                                                                     | 0.2-10 |
| Nominal voltage UN                                                                                | 1000 V |

|                                                                                                  |      |      |      |
|--------------------------------------------------------------------------------------------------|------|------|------|
| UL Recognized  |      |      |      |
|                                                                                                  | B    | C    | D    |
| mm²/AWG/kcmil                                                                                    | 24-8 | 24-8 | 24-8 |

|                                                                                                    |      |      |      |
|----------------------------------------------------------------------------------------------------|------|------|------|
| cUL Recognized  |      |      |      |
|                                                                                                    | B    | C    | D    |
| mm²/AWG/kcmil                                                                                      | 24-8 | 24-8 | 24-8 |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| GOST  |  |
|------------------------------------------------------------------------------------------|--|

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

### Accessories

Accessories

Bridge

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, Number of positions: 5, Color: red

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Reducing bridge - RB UT 6-(2,5/4) - 3047251



Reducing bridge, Number of positions: 2, Color: red

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## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

Reducing bridge - RB UT 6-ST(2,5/4) - 3047264



Reducing bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, Number of positions: 6, Color: red

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Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, Number of positions: 10, Color: red

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Plug-in bridge - FBSRH 2-8 - 3033802



Plug-in bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBSRH 3-8 - 3033803



Plug-in bridge, Number of positions: 3, Color: red

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## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

Plug-in bridge - FBSRH 4-8 - 3033804



Plug-in bridge, Number of positions: 4, Color: red

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### Coding element

Coding star - PC - 3040588



Coding star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

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### End block

End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

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#### 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

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#### End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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#### End cover

##### End cover - D-UT 2,5/1P - 3047154



End cover, Length: 47.6 mm, Width: 2.2 mm, Height: 48.4 mm, Color: gray

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#### Spacer plate - DP PS-8 - 3036741



Spacer plate, Color: red

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#### Flange

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

#### Screw flange - UT 4/ 1P-F - 3060458



Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks

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#### Labeled terminal marker

##### Zack marker strip - ZB 8 CUS - 0825011



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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##### Marker for terminal blocks - UC-TM 8 CUS - 0824597



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: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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##### Marker for terminal blocks - UCT-TM 8 CUS - 0829616



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: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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##### Zack Marker strip, flat - ZBF 8 CUS - 0825030



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: 8 mm, Lettering field: 5.15 x 8.15 mm

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

#### Marker for terminal blocks - UC-TMF 8 CUS - 0824654



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: 8.2 mm, Lettering field: 7.6 x 5.1 mm

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#### Marker for terminal blocks - UCT-TMF 8 CUS - 0829672



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: 8.2 mm, Lettering field: 7.4 x 4.7 mm

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### Mounting rail

#### DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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#### DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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#### DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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

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

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

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



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

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



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573



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

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



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Partition plate

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

Partition plate - ATP-UT - 3047167



Partition plate, Length: 50 mm, Width: 2.2 mm, Height: 48 mm, Color: gray

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### Screwdriver tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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Screwdriver - SF-SL 0,8X4,0-100 S-VDE - 1212588



Actuation tool, for ST terminal blocks, VDE insulated, with slimmer insulation integrated in the blade, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

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#### Marker for terminal blocks - UCT-TM 8 - 0828740



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

#### Zack Marker strip, flat - ZBF 8:UNBEDRUCKT - 0808781



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 8 mm, Lettering field: 5.15 x 8.15 mm

#### Marker for terminal blocks - UC-TMF 8 - 0818137



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 5.1 mm

#### Marker for terminal blocks - UCT-TMF 8 - 0828748



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.4 x 4.7 mm

#### Test plug terminal block

#### Test adapter - PAI-4-FIX BU - 3032729



Test adapter, Color: blue

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

Test adapter - PAI-4-FIX OG - 3034455



Test adapter, Color: orange

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Test adapter - PAI-4-FIX YE - 3032745



Test adapter, Color: yellow

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Test adapter - PAI-4-FIX RD - 3032732



Test adapter, Color: red

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Test adapter - PAI-4-FIX GN - 3032758



Test adapter, Color: green

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Test adapter - PAI-4-FIX BK - 3032774



Test adapter, Color: black

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## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

Test adapter - PAI-4-FIX GY - 3032790



Test adapter, Color: gray

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Test adapter - PAI-4-FIX VT - 3032761



Test adapter, Color: violet

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Test adapter - PAI-4-FIX BN - 3032787



Test adapter, Color: brown

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Test adapter - PS-8 - 3031005



Test adapter, Color: red

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Test adapter - PS-8/2,3MM RD - 3048564



Test adapter, Color: red

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Warning label printed

## Ground modular terminal block - UT 6/1P-PE - 3060555

### Accessories

Warning label - WS UT 6 - 3047345

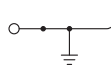


Warning sign for UT terminal blocks

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### Drawings

Circuit diagram



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