

# UT 2,5-TWIN-PE

Order No.: 3044539



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3044539>

Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 26 - 12, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15



| Commercial data          |                   |
|--------------------------|-------------------|
| GTIN (EAN)               | 4046356055420     |
| sales group              | A833              |
| Pack                     | 50 pcs.           |
| Customs tariff           | 85369010          |
| Weight/Piece             | 0.016114 KG       |
| Catalog page information | Page 37 (CL-2009) |

## Product notes

WEEE/RoHS-compliant since: 04/16/2004



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| Technical data        |              |
|-----------------------|--------------|
| General               |              |
| Number of levels      | 1            |
| Number of connections | 3            |
| Color                 | green-yellow |

|                                    |                  |
|------------------------------------|------------------|
| Insulating material                | PA               |
| Inflammability class acc. to UL 94 | V0               |
| Bridge accessories                 | 3030213 FBS 10-5 |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 57.8 mm |
| Height NS 35/7.5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |

#### Technical data

|                                  |               |
|----------------------------------|---------------|
| Rated surge voltage              | 6 kV          |
| Pollution degree                 | 3             |
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-2 |
| Open side panel                  | ja            |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 4 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 12                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                           | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                           | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                        | 1.5 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. | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Type of connection                                                                      | Screw connection     |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A3                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.5 Nm               |
| Tightening torque max                                                                   | 0.6 Nm               |

#### Certificates / Approvals



Certification CUL, GL, UL

Certification Ex: IECEEx, KEMA-EX

#### CUL

|           |       |
|-----------|-------|
| AWG/kcmil | 26-12 |
|-----------|-------|

#### UL

|           |       |
|-----------|-------|
| AWG/kcmil | 26-12 |
|-----------|-------|

#### Accessories

| Item            | Designation | Description                                                                                                                                                                    |
|-----------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |             |                                                                                                                                                                                |
| 3047183         | ATP-UT-TWIN | Partition plate, Length: 62.1 mm, Width: 2.2 mm, Height: 52.5 mm, Color: gray                                                                                                  |
| 3022218         | CLIPFIX 35  | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |

|         |                             |                                                                                                                                                                                                                              |
|---------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3022276 | CLIPFIX 35-5                | Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray |
| 3047141 | D-UT 2,5/4-TWIN             | End cover, Length: 57.8 mm, Width: 2.2 mm, Height: 47.5 mm, Color: gray                                                                                                                                                      |
| 3047109 | DS-UT 2,5/4                 | Cover segment, Color: gray                                                                                                                                                                                                   |
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                                                            |
| 0801733 | NS 35/ 7,5 PERF 2000MM      | DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                 |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM    | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                                                             |
| 1201756 | NS 35/15 AL UNPERF 2000MM   | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m                                                                                                    |
| 1201895 | NS 35/15 CU UNPERF 2000MM   | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                                                               |
| 1201730 | NS 35/15 PERF 2000MM        | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m                                                                                                                                                |
| 1201714 | NS 35/15 UNPERF 2000MM      | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m                                                                                                                                              |
| 1201798 | NS 35/15-2,3 UNPERF 2000MM  | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                                                                |

**Bridges**

|         |          |                                                     |
|---------|----------|-----------------------------------------------------|
| 3030161 | FBS 2-5  | Plug-in bridge, Number of positions: 2, Color: red  |
| 3030174 | FBS 3-5  | Plug-in bridge, Number of positions: 3, Color: red  |
| 3030187 | FBS 4-5  | Plug-in bridge, Number of positions: 4, Color: red  |
| 3030190 | FBS 5-5  | Plug-in bridge, Number of positions: 5, Color: red  |
| 3030213 | FBS 10-5 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030226 | FBS 20-5 | Plug-in bridge, Number of positions: 20, Color: red |
| 3038930 | FBS 50-5 | Plug-in bridge, Number of positions: 50, Color: red |

**Marking**

|         |                        |                                                                                                                                                                                                    |
|---------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3047923 | WS UT 2,5              | Warning sign for UT terminal blocks                                                                                                                                                                |
| 0811228 | X-PEN 0,35             | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm                                                                            |
| 1050017 | ZB 5,LGS:FORTL.ZAHLEN  | Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white                                                                      |
| 5060906 | ZB 5/WH-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 5.2 mm, color: White |

|         |             |                                                                                                 |
|---------|-------------|-------------------------------------------------------------------------------------------------|
| 1050295 | ZB 5:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |
|---------|-------------|-------------------------------------------------------------------------------------------------|

#### Plug/Adapter

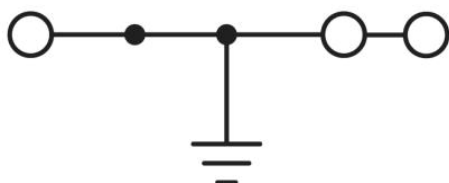
|         |               |                                 |
|---------|---------------|---------------------------------|
| 0201689 | MPS-IH BU     | Insulating sleeve, Color: blue  |
| 0201676 | MPS-IH RD     | Insulating sleeve, Color: red   |
| 0201663 | MPS-IH WH     | Insulating sleeve, Color: white |
| 0201744 | MPS-MT        | Test plugs                      |
| 3030925 | PAI-4         | Test adapter, Color: gray       |
| 3030983 | PS-5          | Test adapter, Color: red        |
| 3038723 | PS-5/2,3MM RD | Test plugs, Color: red          |

#### Tools

|         |             |                                                                                                                                                                  |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Diagrams/Drawings

Circuit diagram



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