

## UTTB 2,5-PE/N

Order No.: 3046731



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3046731>

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

### Commercial data

|                          |                   |
|--------------------------|-------------------|
| GTIN (EAN)               | 4046356100953     |
| sales group              | A832              |
| Pack                     | 50 pcs.           |
| Customs tariff           | 85369010          |
| Weight/Piece             | 0.02022 KG        |
| Catalog page information | Page 43 (CL-2009) |

### Product notes

WEEE/RoHS-compliant since:  
10/21/2005



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### Technical data

#### General

|                       |      |
|-----------------------|------|
| Number of levels      | 2    |
| Number of connections | 4    |
| Color                 | gray |
| Insulating material   | PA   |

|                                    |    |
|------------------------------------|----|
| Inflammability class acc. to UL 94 | V0 |
|------------------------------------|----|

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 69.9 mm |
| Height NS 35/7.5 | 65 mm   |
| Height NS 35/15  | 72.5 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 60947-7-1 / IEC 60947-7-2 |
| Nominal current $I_N$            | 24 A                          |
| Nominal voltage $U_N$            | 500 V                         |

#### 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, 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>  |
| 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. | 1.5 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 CSA, CUL, UL

#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 600 V |
| Nominal current I <sub>N</sub> | 20 A  |
| AWG/kcmil                      | 26-12 |

#### CUL

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

#### UL

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

#### Accessories

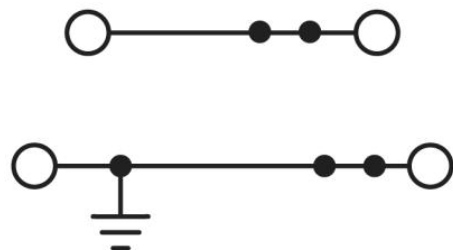
| Item            | Designation    | Description                                                                 |
|-----------------|----------------|-----------------------------------------------------------------------------|
| <b>Assembly</b> |                |                                                                             |
| 3047316         | ATP-UTTB 2,5/4 | Partition plate, Length: 74.3 mm, Width: 2.2 mm, Height: 70 mm, Color: gray |

|                     |                        |                                                                                                                                                                                                    |
|---------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3047293             | D-UTTB 2,5/4           | End cover, Length: 69.9 mm, Width: 2.2 mm, Height: 57.5 mm, Color: gray                                                                                                                            |
| <b>Bridges</b>      |                        |                                                                                                                                                                                                    |
| 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                                                                                                                                                |
| <b>General</b>      |                        |                                                                                                                                                                                                    |
| 3047303             | DP-UTTB 2,5/4          | Spacer plate, Length: 69.9 mm, Width: 2.6 mm, Height: 33 mm, Color: gray                                                                                                                           |
| <b>Marking</b>      |                        |                                                                                                                                                                                                    |
| 0811228             | X-PEN 0,35             | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm                                                                            |
| 1050004             | ZB 5 :UNBEDRUCKT       | Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, 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                                                                                                    |
| <b>Plug/Adapter</b> |                        |                                                                                                                                                                                                    |
| 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                                                                                                                                                                           |
| <b>Tools</b>        |                        |                                                                                                                                                                                                    |
| 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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**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

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