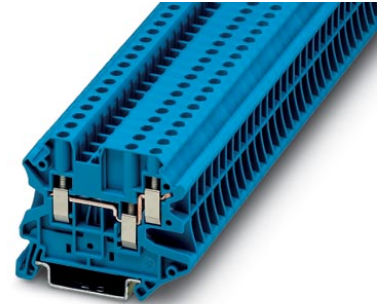


# UT 4-TWIN BU

Order No.: 3044500



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3044500>

Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG 26 - 10, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15



## Commercial data

|                          |                   |
|--------------------------|-------------------|
| GTIN (EAN)               | 4046356055390     |
| sales group              | A830              |
| Pack                     | 50 pcs.           |
| Customs tariff           | 85369010          |
| Weight/Piece             | 0.014186 KG       |
| Catalog page information | Page 37 (CL-2009) |

## Product notes

WEEE/RoHS-compliant since:  
09/16/2003



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## Technical data

### General

|                                    |                       |
|------------------------------------|-----------------------|
| Number of levels                   | 1                     |
| Number of connections              | 3                     |
| Color                              | blue                  |
| Insulating material                | PA                    |
| Inflammability class acc. to UL 94 | V0                    |
| Bridge accessories                 | 3030271 FBS 10-6 32 A |

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 57.8 mm |
| Height NS 35/7.5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |

**Technical data**

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum load current             | 41 A (In the case of a 6 mm <sup>2</sup> conductor cross-section, the maximum load current must not be exceeded by the total current of all connected conductors) |
| 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                                                                                                                                                     |
| Nominal current I <sub>N</sub>   | 32 A                                                                                                                                                              |
| Nominal voltage U <sub>N</sub>   | 500 V                                                                                                                                                             |
| Open side panel                  | ja                                                                                                                                                                |

**Connection data**

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 6 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 6 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 10                   |
| 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. | 4 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.    | 4 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                                                               | A4                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |
| Tightening torque max                                                                   | 0.8 Nm               |

#### Certificates / Approvals



Certification CUL, GL, UL

Certification Ex: IECEEx, KEMA-EX

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 150 V |
| Nominal current $I_N$ | 30 A  |
| AWG/kcmil             | 26-10 |

#### UL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 150 V |
| Nominal current $I_N$ | 30 A  |
| AWG/kcmil             | 26-10 |

## 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

|         |          |                                                     |
|---------|----------|-----------------------------------------------------|
| 3030336 | FBS 2-6  | Plug-in bridge, Number of positions: 2, Color: red  |
| 3030242 | FBS 3-6  | Plug-in bridge, Number of positions: 3, Color: red  |
| 3030255 | FBS 4-6  | Plug-in bridge, Number of positions: 4, Color: red  |
| 3030349 | FBS 5-6  | Plug-in bridge, Number of positions: 5, Color: red  |
| 3030271 | FBS 10-6 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030365 | FBS 20-6 | Plug-in bridge, Number of positions: 20, Color: red |
| 3032224 | FBS 50-6 | Plug-in bridge, Number of positions: 50, Color: red |

#### Marking

|         |                        |                                                                                                                                                                                        |
|---------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3047332 | WS UT 4                | 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                                                                |
| 1051016 | ZB 6,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                                                          |
| 5060935 | ZB 6/WH-100:UNBEDRUCKT | Zack strip, unprinted: For individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 6.2 mm, color: White |
| 1050499 | ZB 6: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       |
| 3030996 | PS-6          | Test adapter, Color: red        |
| 3038736 | PS-6/2,3MM 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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