

## UT 6-MT

Order No.: 3064069



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3064069>

Disconnect and test disconnect terminal block, Connection type: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, Nominal current: 20 A, Nominal voltage: 500 V, Length: 57.8 mm, Width: 8.2 mm, Color: gray, Assembly: NS 35/7.5, NS 35/15

### Commercial data

|                          |                   |
|--------------------------|-------------------|
| GTIN (EAN)               | 4046356285711     |
| Note                     | Made-to-order     |
| sales group              | A840              |
| Pack                     | 50 pcs.           |
| Customs tariff           | 85369010          |
| Weight/Piece             | 0.018762 KG       |
| Catalog page information | Page 51 (CL-2009) |

### Product notes

WEEE/RoHS-compliant since:  
03/15/2007



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### Technical data

#### General

|                       |      |
|-----------------------|------|
| Number of levels      | 1    |
| Number of connections | 2    |
| Color                 | gray |

|                                    |                         |
|------------------------------------|-------------------------|
| Insulating material                | PA                      |
| Inflammability class acc. to UL 94 | V0                      |
| Bridge accessories                 | 3047251 RB UT 6-(2,5/4) |

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 8.2 mm  |
| Length           | 57.8 mm |
| Height NS 35/7.5 | 49.1 mm |
| Height NS 35/15  | 56.6 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 |
| Nominal current $I_N$            | 20 A          |
| Nominal voltage $U_N$            | 500 V         |
| Open side panel                  | nein          |

**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 stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 10 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 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>  |
| Type of connection                                                                      | Screw connection     |
| Stripping length                                                                        | 10 mm                |
| Internal cylindrical gage                                                               | A5                   |
| Screw thread                                                                            | M4                   |
| Tightening torque, min                                                                  | 1.5 Nm               |
| Tightening torque max                                                                   | 1.8 Nm               |

#### Certificates / Approvals



Certification CUL, UL

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 20 A  |
| AWG/kcmil             | 24-8  |

#### UL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 20 A  |
| AWG/kcmil             | 24-8  |

#### 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 |

|         |                             |                                                                                                                                                                                                                              |
|---------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                                                            |
| 1207640 | NS 35/ 7,5 PERF 755MM       | NS 35 DIN rail, height 7.5 mm, length 755 mm                                                                                                                                                                                 |
| 1207653 | NS 35/ 7,5 PERF 955MM       | NS35 DIN rail, height 7.5 mm, length 955 mm                                                                                                                                                                                  |
| 1207666 | NS 35/ 7,5 PERF 1155MM      | NS 35 DIN rail, height 7.5 mm, length 1155 mm                                                                                                                                                                                |
| 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                                                                                                                               |
| 1207679 | NS 35/15 PERF 755MM         | NS 35 DIN rail, perforated, height 15 mm, length 755 mm                                                                                                                                                                      |
| 1207682 | NS 35/15 PERF 955MM         | NS 35 DIN rail, perforated, height 15 mm, length 955 mm                                                                                                                                                                      |
| 1207695 | NS 35/15 PERF 1155MM        | NS 35 DIN rail, perforated, height 15 mm, length 1155 mm                                                                                                                                                                     |
| 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**

|         |                 |                                                     |
|---------|-----------------|-----------------------------------------------------|
| 3030284 | FBS 2-8         | Plug-in bridge, Number of positions: 2, Color: red  |
| 3030297 | FBS 3-8         | Plug-in bridge, Number of positions: 3, Color: red  |
| 3030307 | FBS 4-8         | Plug-in bridge, Number of positions: 4, Color: red  |
| 3030310 | FBS 5-8         | Plug-in bridge, Number of positions: 5, Color: red  |
| 3047251 | RB UT 6-(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |

**General**

|         |                   |                                                     |
|---------|-------------------|-----------------------------------------------------|
| 3047264 | RB UT 6-ST(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |
|---------|-------------------|-----------------------------------------------------|

**Marking**

|         |                       |                                                                                                                               |
|---------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 0811228 | X-PEN 0,35            | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm       |
| 1052015 | ZB 8,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 |

|         |                        |                                                                                                                                                                                            |
|---------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5060896 | ZB 8/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, terminal width: 8.2 mm, color: White |
| 1050512 | ZB 8: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       |

**Tools**

|         |                 |                                                                                                    |
|---------|-----------------|----------------------------------------------------------------------------------------------------|
| 1205066 | SZS 1,0X4,0 VDE | Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip |
|---------|-----------------|----------------------------------------------------------------------------------------------------|

**Diagrams/Drawings**

Circuit diagram



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