

# UT 10 BU

Order No.: 3044188



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3044188>

Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG 20 - 6, Width: 10.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15

## Commercial data

|                          |                   |
|--------------------------|-------------------|
| GTIN (EAN)               | 4017918960469     |
| sales group              | A800              |
| Pack                     | 50 pcs.           |
| Customs tariff           | 85369010          |
| Weight/Piece             | 0.017874 KG       |
| Catalog page information | Page 27 (CL-2009) |

## Product notes

WEEE/RoHS-compliant since: 01/01/2003



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## Technical data

### General

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

|                                    |    |
|------------------------------------|----|
| Insulating material                | PA |
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 10.2 mm |
| Length           | 47.7 mm |
| Height NS 35/7.5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |

**Technical data**

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| Maximum load current             | 76 A (with 16 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 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>   | 76 A                                                   |
| Nominal voltage U <sub>N</sub>   | 1000 V                                                 |
| Open side panel                  | ja                                                     |

**Connection data**

|                                                                            |                     |
|----------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                         | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 16 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 16 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 20                  |
| Conductor cross section AWG/kcmil max                                      | 6                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 10 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                           | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                           | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                        | 0.5 mm <sup>2</sup> |

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 2 conductors with same cross section, stranded max.                                     | 6 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. | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 mm <sup>2</sup> |
| Type of connection                                                                      | Screw connection    |
| Stripping length                                                                        | 10 mm               |
| Internal cylindrical gage                                                               | A6                  |
| Screw thread                                                                            | M4                  |
| Tightening torque, min                                                                  | 1.5 Nm              |
| Tightening torque max                                                                   | 1.8 Nm              |

#### Certificates / Approvals



Certification

CB, CSA, CUL, DNV, GL, LR, UL, VDE-PZI

Certification Ex:

IECEX, KEMA-EX

#### CSA

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 65 A  |
| AWG/kcmil             | 20-6  |

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 65 A  |
| AWG/kcmil             | 20-6  |

#### UL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 65 A  |
| AWG/kcmil             | 20-6  |

**Accessories**

| Item            | Designation                 | Description                                                                                                                  |
|-----------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                             |                                                                                                                              |
| 3047167         | ATP-UT                      | Partition plate, Length: 50 mm, Width: 2 mm, Height: 48 mm, Color: gray                                                      |
| 3047028         | D-UT 2,5/10                 | End cover, Length: 47.7 mm, Width: 2.2 mm, Height: 48.4 mm, Color: gray                                                      |
| 3047235         | D-UT 2,5/10 BU              | End cover, Length: 48 mm, Width: 2.2 mm, Height: 48.4 mm, Color: blue                                                        |
| 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                                |
| <b>Bridges</b>  |                             |                                                                                                                              |
| 3005947         | FBS 2-10                    | Plug-in bridge, Number of positions: 2, Color: red                                                                           |
| 3047060         | RB UT 10-(2,5/4)            | Reducing bridge, Number of positions: 2, Color: red                                                                          |
| 3047086         | RB UT 10-ST(2,5/4)          | Reducing bridge, Number of positions: 2, Color: red                                                                          |
| <b>Marking</b>  |                             |                                                                                                                              |
| 3047361         | WS UT 10                    | 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                                                                             |
| 1053014 | ZB10,LGS:FORTL.ZAHLEN  | Zack strip, 10-section, printed horizontally: with the numbers, 1-10, 11-20 etc. up to 991-1000, color: white                                                                                       |
| 5060883 | ZB10/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 10.2 mm, color: White |
| 1050525 | ZB10:SO/CMS            | Zack strip, 10-section, divisible, special printing, marking according to customer requirements                                                                                                     |

**Plug/Adapter**

|         |             |                                                                                                                          |
|---------|-------------|--------------------------------------------------------------------------------------------------------------------------|
| 3047112 | AGK 4-UT 10 | Pick-off terminal block, Type of connection: Special and hybrid connection, Width: 10.2 mm, Height: 34.7 mm, 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 |
|---------|-----------------|----------------------------------------------------------------------------------------------------|

**Address**

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