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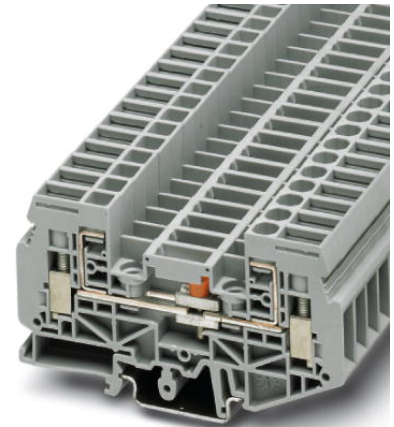
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# URTK 6


Order No.: 3026272



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3026272>

Test disconnect terminal block, Connection method: Screw connection, Cross section: 0.5 mm<sup>2</sup>- 10 mm<sup>2</sup>, Width: 8.2 mm, Mounting type: NS 35/7.5, NS 35/15, NS 32, Color: gray

## Commercial data

|                          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 017918 168056 |
| sales group              | A052   |
| Pack                     | 50 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 63 (CL-2009)  |

## Product notes

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



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### General

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

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

**Dimensions**

|                  |         |
|------------------|---------|
| Length           | 91 mm   |
| Width            | 8.2 mm  |
| Height NS 35/7.5 | 51 mm   |
| Height NS 35/15  | 58.5 mm |
| Height NS 32     | 56 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 $I_N$            | 41 A          |
| Nominal voltage $U_N$            | 400 V         |

**Connection data**

|  |                     |
|--|---------------------|
| Conductor cross section solid min.   | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.   | 10 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 6 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.                                     | 20                  |
| Conductor cross section AWG/kcmil max                                      | 8                   |
| 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. | 6 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.    | 6 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.                           | 2.5 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.                                     | 4 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> |
| 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>   |
| Type of connection  | Screw connection    |
| Stripping length  | 10 mm               |
| Internal cylindrical gage   | A5                  |
| Screw thread  | M4                  |
| Tightening torque, min  | 1.2 Nm              |
| Tightening torque max   | 1.4 Nm              |

#### Certificates / Approvals



Certification

CUL, GOST, PRS, UL

#### Accessories

| Item            | Designation | Description  |
|-----------------|-------------|--|
| <b>Assembly</b> |             |  |
| 3034374         | APH-ME      | Cover profile carrier for mounting on NS 35/7.5 DIN rail for attaching the cover profile AP-ME   |
| 3034358         | APT-ME      | Cover profile carrier for mounting on NS 35/7.5 DIN rail for attaching the cover profile AP-ME   |
| 0311139         | ATP-URTK/SP | Partition plate, Length: 99 mm, Width: 2 mm, Height: 64 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 |
| 3026340         | D-URTK 6    | End cover, Length: 91 mm, Width: 2 mm, Color: gray   |
| 1201442         | E/UK        | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail   |

|         |                               |  |
|---------|-------------------------------|--|
| 1201028 | NS 32 AL UNPERF 2000MM        | G rail 32 mm (NS 32)   |
| 1201280 | NS 32 CU/120QMM UNPERF 2000MM | G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m                        |
| 1201358 | NS 32 CU/35QMM UNPERF 2000MM  | G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m                                    |
| 1201002 | NS 32 PERF 2000MM             | G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m                                       |
| 1201015 | NS 32 UNPERF 2000MM           | G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m                                     |
| 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**

|         |              |  |
|---------|--------------|--|
| 2772080 | FBRI 10-8 N  | Fixed bridge, Number of positions: 10, Color: silver     |
| 0311155 | S-URTK/SP    | Switching lock, Color: white                             |
| 0311155 | S-URTK/SP    | Switching lock, Color: white                             |
| 3026366 | SB 2-8-T     | Switching jumper, Number of positions: 2, Color: orange  |
| 3026492 | SB 3-8-T     | Switching jumper, Number of positions: 3, Color: orange  |
| 3026379 | SB 4-8-T     | Switching jumper, Number of positions: 4, Color: orange  |
| 3026382 | SB 10-8-T    | Switching jumper, Number of positions: 10, Color: orange |
| 3026395 | SB 10-8-T SO | Switching jumper, Number of positions: 10, Color: orange |

**General**

|         |             |   |
|---------|-------------|---|
| 3034361 | AP-ME METER | Cover profile, for covering terminal strips, snapped onto APT-ME cover profile carrier or APH-ME end bracket. A cover profile carrier should be positioned at the ends and at intervals of around 40 cm. Length supplied: 1 m |
|---------|-------------|---|

**Marking**

|         |                  |   |
|---------|------------------|---|
| 1007235 | SBS 8:UNBEDRUCKT | Marker cards for modular terminal blocks, color: white  |
| 1050512 | ZB 8:SO/CMS      | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

**Plug/Adapter**

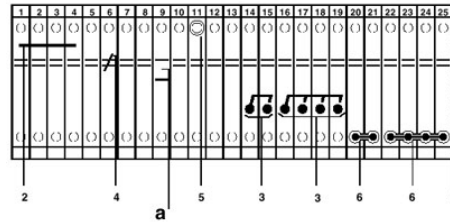
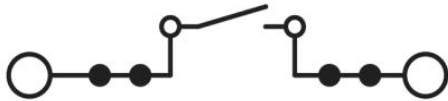
|         |                     |  |
|---------|---------------------|--|
| 3000722 | KSSI 2-8            | Short-circuit connector, Width: 16.2 mm, Length: 11 mm, Number of positions: 2, Color: black   |
| 3000735 | KSSI 4-8            | Short-circuit connector, Number of positions: 4, Color: black  |
| 3026447 | PSBJ-URTK 6 BK      | Female test connector, Color: black  |
| 3026971 | PSBJ-URTK 6 BN      | Test socket, for the test disconnect and slide-type terminal blocks, fully insulated, touch proof as per VBG 4, D.: 4 mm safety measuring leads, brown insulation material |
| 3026434 | PSBJ-URTK 6 BU      | Female test connector, Color: blue   |
| 3026450 | PSBJ-URTK 6 FARBLOS | Female test connector, Color: transparent  |
| 3026418 | PSBJ-URTK 6 GN      | Female test connector, Color: green  |
| 3026612 | PSBJ-URTK 6 GY      | Female test connector, Color: gray   |
| 3026719 | PSBJ-URTK 6 RD      | Female test connector  |
| 3026421 | PSBJ-URTK 6 VT      | Female test connector, Color: violet   |
| 3026405 | PSBJ-URTK 6 YE      | Female test connector, Color: yellow   |

**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 |
| 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   |

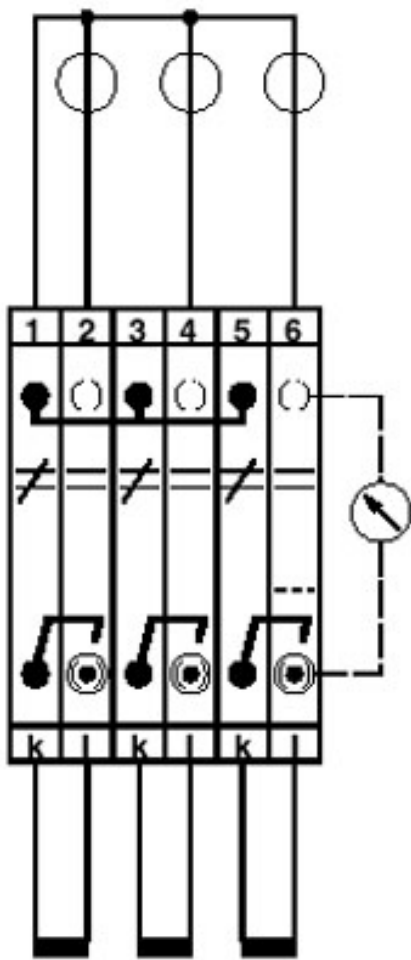
## Diagrams/Drawings

### Circuit diagram

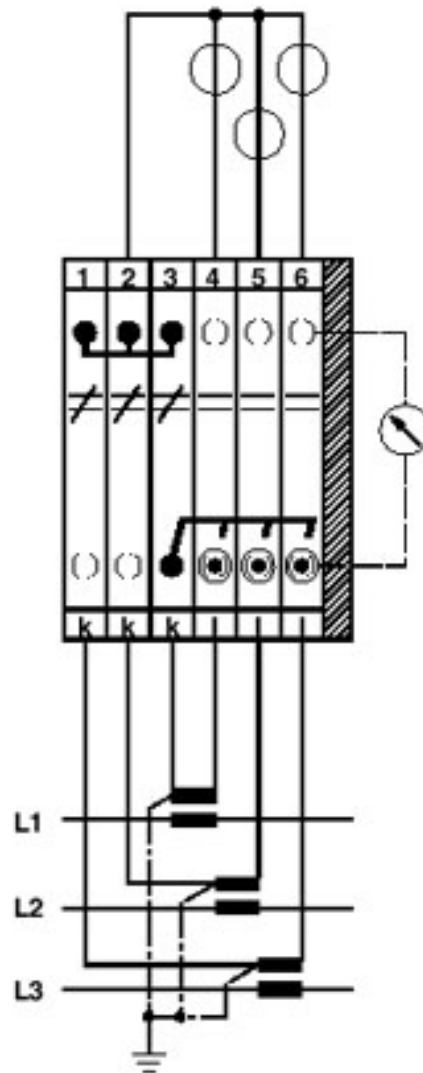


- a = open
- 1 = cover
- 2 = fixed bridge
- 3 = switch bar
- 4 = switching lock
- 5 = test plug socket
- 6 = short-circuit plug

Schematic diagram



Three-phase transducer test set



Three-phase linked transducer test set



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