

## Disconnect terminal block - URTK-BEN - 0309112

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Disconnect terminal block, Connection method: Screw connection, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG: 20 - 8, Width: 10.2 mm, Mounting type: NS 35/7,5, NS 35/15, NS 32, Color: gray



### Key commercial data

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                  |
| GTIN                                 | <br>4 017918 117221 |
| Weight per Piece (excluding packing) | 37.024 g                                                                                               |
| Custom tariff number                 | 85369010                                                                                               |
| Country of origin                    | Germany                                                                                                |

### Technical data

#### General

|                                              |               |
|----------------------------------------------|---------------|
| Number of levels                             | 1             |
| Number of connections                        | 2             |
| Color                                        | gray          |
| Insulating material                          | PA            |
| Inflammability class according to UL 94      | V0            |
| 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> (lower level) | 70 A          |
| Nominal voltage U <sub>N</sub>               | 500 V         |
| Open side panel                              | ja            |

#### Dimensions

|        |         |
|--------|---------|
| Length | 61 mm   |
| Width  | 10.2 mm |

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## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Height NS 35/7,5 | 58.5 mm |
| Height NS 35/15  | 66 mm   |
| Height NS 32     | 63.5 mm |

### Connection data

| Note                                                                                    | Terminal point       |
|-----------------------------------------------------------------------------------------|----------------------|
| 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.                                                   | 10 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.              | 0.25 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.                 | 0.25 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.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 4 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.                                     | 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.   | 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>    |
| Connection method                                                                       | Screw connection     |
| Screw thread                                                                            | M4                   |
| Tightening torque, min                                                                  | 1.5 Nm               |
| Tightening torque max                                                                   | 1.8 Nm               |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141126 |
| eCl@ss 4.1 | 27141126 |
| eCl@ss 5.0 | 27141127 |
| eCl@ss 5.1 | 27141127 |
| eCl@ss 6.0 | 27141127 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27141127 |
| eCl@ss 8.0 | 27141126 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000902 |
| ETIM 3.0 | EC000902 |
| ETIM 4.0 | EC000902 |
| ETIM 5.0 | EC000902 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### Approvals

#### Approvals

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

#### Approval details

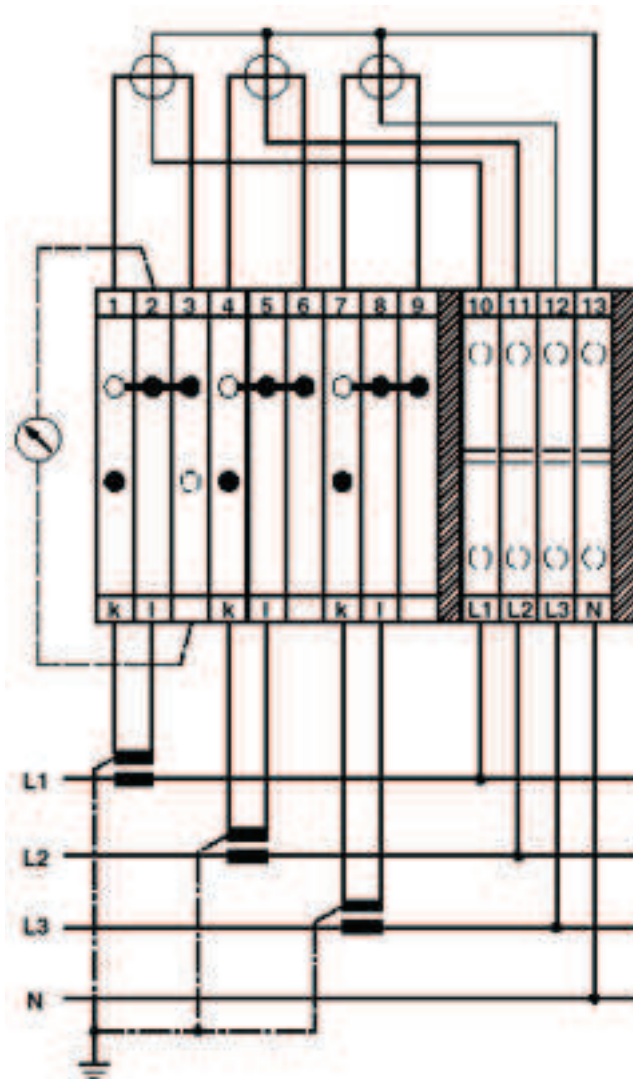
|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

### Drawings

## Disconnect terminal block - URTK-BEN - 0309112

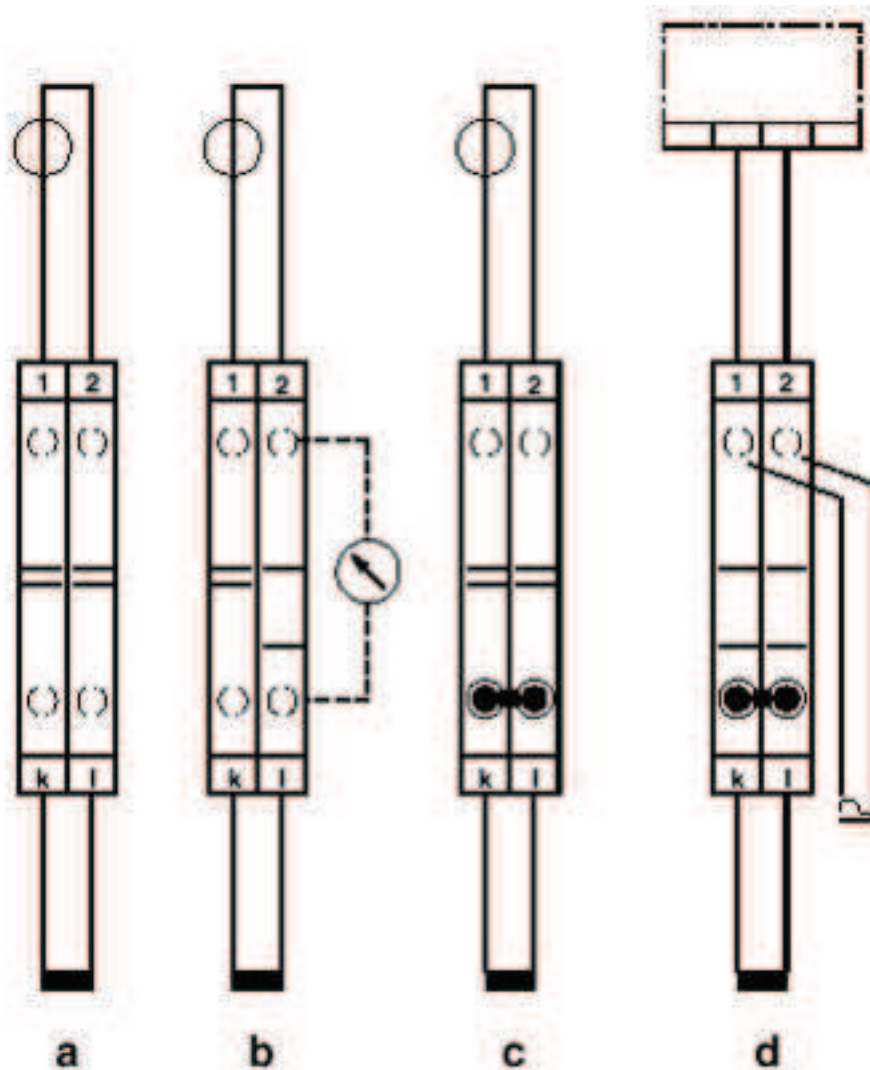
Schematic diagram



Meter test set (active current) constructed with UGSK and URTK-BEN

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Schematic diagram



Simple current transformer test circuit

a = normal operation

b = measured value testing

c = transformer short-circuit

d = relay testing