

# Disconnect terminal block - URTK/SS BU - 3024407

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Disconnect terminal block, Connection method: Screw connection, Cross section: 0.2 mm<sup>2</sup> -4 mm<sup>2</sup> , AWG: 24 - 12, Width: 6.2 mm, Mounting type: NS 35/7,5, NS 35/15, NS 32, Color: blue

The figure shows a version of the article

## Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918282783 |

## Technical data

### General

|   |      |
|---|------|
| Number of levels                        | 1    |
| Number of connections                   | 2    |
| Color                                   | blue |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

### General

|                                  |   |
|----------------------------------|---|
| Maximum load current             | 26 A (with 4 mm <sup>2</sup> conductor cross section) |
| 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>   | 26 A  |
| Nominal voltage U <sub>N</sub>   | 400 V   |
| Open side panel                  | ja  |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 56.5 mm |
| Height NS 35/7,5 | 40 mm   |
| Height NS 35/15  | 47.5 mm |
| Height NS 32     | 45 mm   |

### Connection data

# Disconnect terminal block - URTK/SS BU - 3024407

## Technical data

### Connection data

| Note  | Terminal point       |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 24                   |
| Conductor cross section AWG/kcmil max   | 12                   |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 4 mm <sup>2</sup>    |
| Min. AWG conductor cross section, stranded  | 24                   |
| Max. AWG conductor cross section, stranded  | 12                   |
| 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.              | 4 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.                 | 2.5 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.  | 1.5 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.                                     | 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. | 2.5 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>  |
| Connection method   | Screw connection     |
| Stripping length  | 7 mm                 |
| Screw thread  | M3                   |
| Tightening torque, min  | 0.6 Nm               |
| Tightening torque max   | 0.8 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 |
| eCl@ss 7.0 | 27141127 |

# Disconnect terminal block - URTK/SS BU - 3024407

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 8.0 | 27141127 |
|------------|----------|

### 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

CSA / UL Recognized / cUL Recognized / PRS / cULus Recognized /

### Approval details

|                            |       |
|----------------------------|-------|
|                            |       |
| Nominal voltage UN         | 300 V |
| Nominal current IN         | 25 A  |
| mm <sup>2</sup> /AWG/kcmil | 28-12 |

|                            |       |
|----------------------------|-------|
|                            |       |
| Nominal voltage UN         | 300 V |
| Nominal current IN         | 20 A  |
| mm <sup>2</sup> /AWG/kcmil | 28-12 |


|                    |       |
|--------------------|-------|
|                    |       |
| Nominal voltage UN | 300 V |
| Nominal current IN | 20 A  |

# Disconnect terminal block - URTK/SS BU - 3024407

## approvals

|                            |       |
|----------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil | 28-12 |
|----------------------------|-------|

PRS

cULus Recognized 

## accessories

### End cover

D-URTK/SS - 0321022



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### Short-circuit connector

KSS 6 - 0301547



KSS 3- 6 - 0309523



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### Partition plate

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## accessories

TS-URTK/SS - 0321213



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### Partition plate

ATS-URTK/SS - 0321226



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### Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



# Disconnect terminal block - URTK/SS BU - 3024407

accessories

UCT-TM 6 - 0828736



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## Screwdriver tools

SZS 0,6X3,5 - 1205053



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## Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



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### accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



## Disconnect terminal block - URTK/SS BU - 3024407

accessories

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NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602





## Disconnect terminal block - URTK/SS BU - 3024407

### accessories

NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



## Disconnect terminal block - URTK/SS BU - 3024407

accessories

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NS 35/15-2,3 UNPERF 2000MM - 1201798



### Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



### End block

CLIPFIX 35 - 3022218



# Disconnect terminal block - URTK/SS BU - 3024407

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



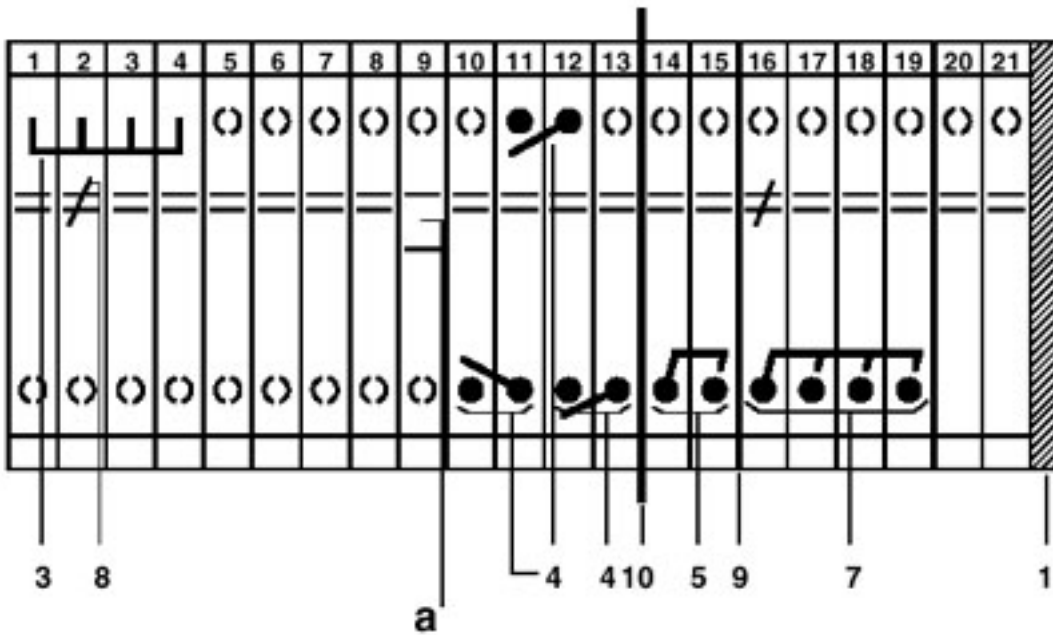
## Drawings

Circuit diagram



# Disconnect terminal block - URTK/SS BU - 3024407

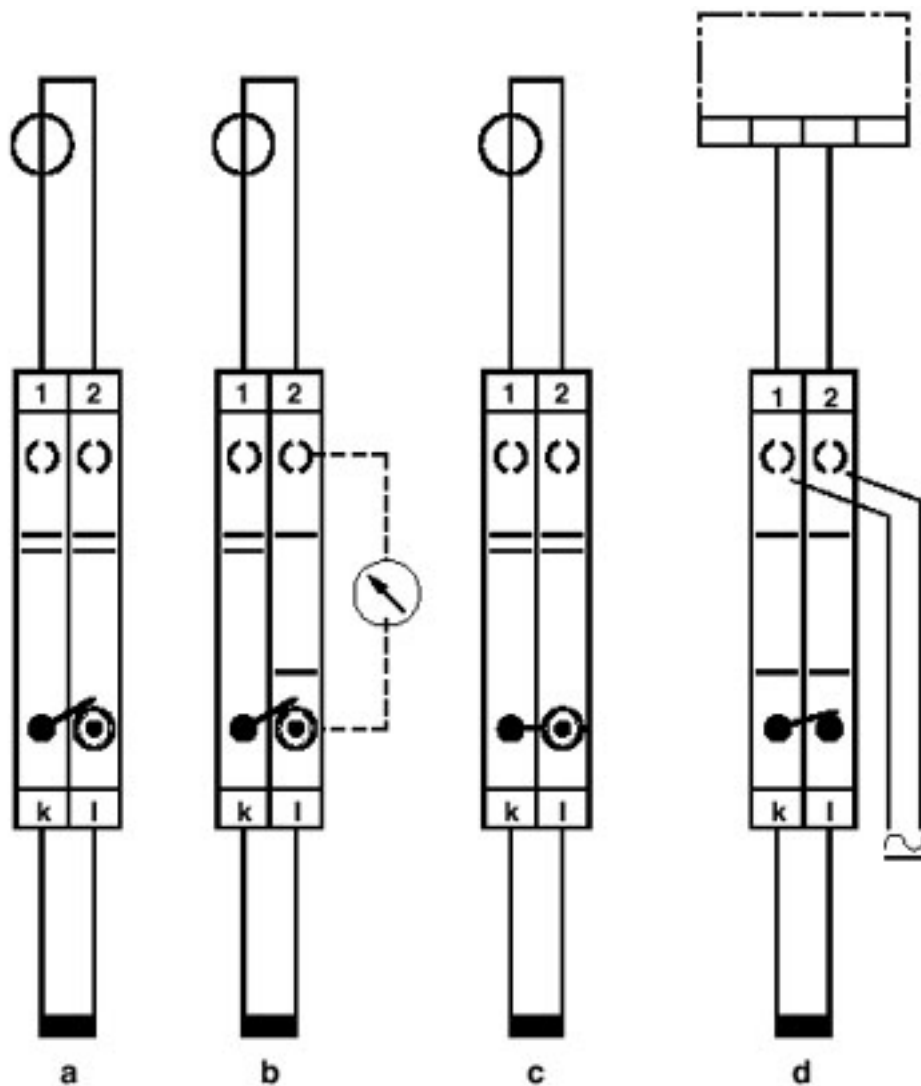
Circuit diagram



a = open  
 1 = cover  
 3 = fixed bridge  
 4 = switch bar, for 2 terminal blocks, useable on both sides of the disconnect point, inward switching motion  
 5 = switch bar, for 2 terminal blocks, useable on both sides of the disconnect point, outward switching motion  
 7 = switch bar, for 3-phase short-circuiting of linked current transformer sets, only on the right  
 8 = switching lock, prevents disconnect slide from being actuated  
 9 = separating plate, for electrical separation of neighboring bridges in terminal center  
 10 = partition plate

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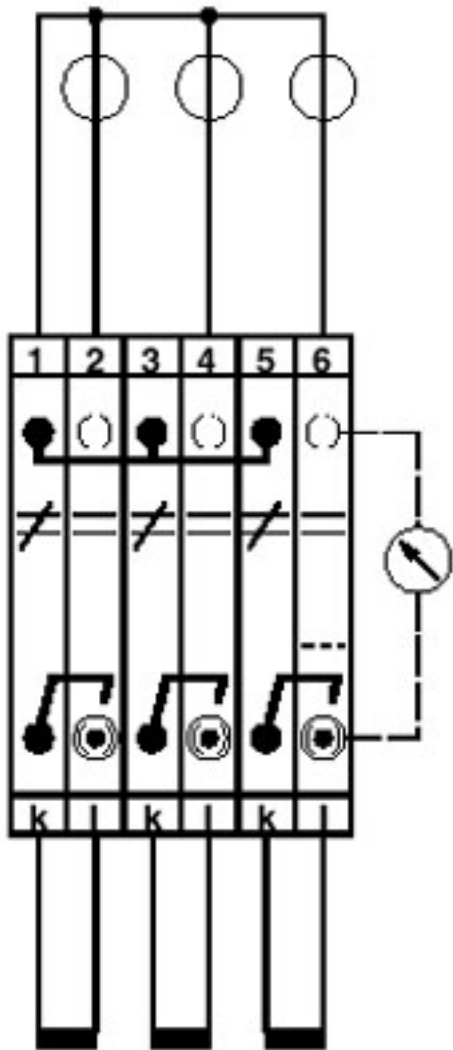
Schematic diagram



Simple current transformer test circuit  
a = normal operation  
b = measured value testing  
c = transformer short-circuit  
d = relay testing

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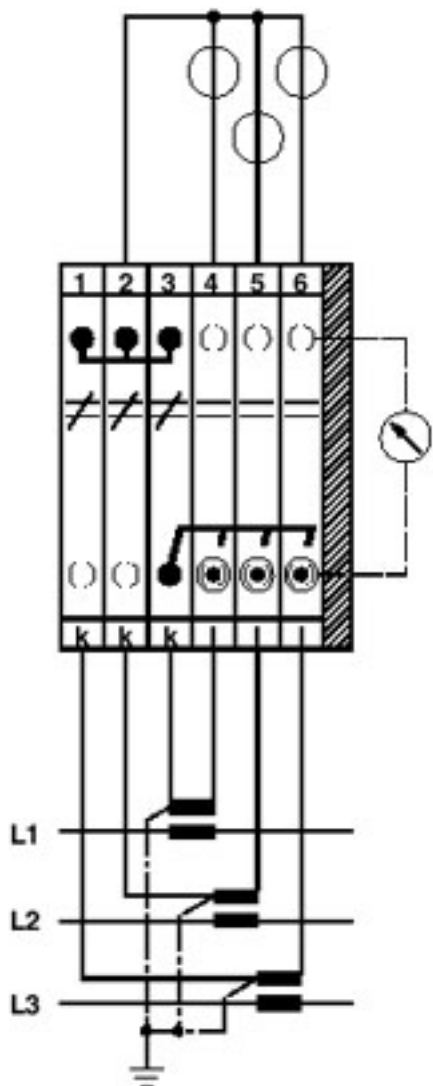
Schematic diagram



Three-phase transducer test set

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Schematic diagram



Three-phase linked transducer test set

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