

Disconnect terminal block - URTK/S-BEN - 0309086

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Disconnect terminal block, Connection method: Screw connection, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 10, Width: 8.2 mm, Mounting type: NS 35/7,5, NS 35/15, NS 32, Color: gray

Product Features

- ✓ Easy and clear testing in current transformer secondary circuits can be performed using the test disconnect terminal blocks of the URTK/S range
- ✓ On both sides of the disconnect point, the terminal block has a test socket which can also be used to switch across to neighboring terminal blocks



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 001025
Weight per Piece (excluding packing)	34.8 GRM
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

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Technical data

General

Maximum load current (lower level)	57 A
Additional text	with 10 mm ² conductor cross section
Nominal current I _N (lower level)	41 A
Nominal voltage U _N	500 V
Open side panel	ja

Dimensions

Length	61 mm
Width	8.2 mm
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 ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	6 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	6 mm ²
Connection method	Screw connection

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Technical data

Connection data

Stripping length	10 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
Disconnect element	M3 0.6 Nm 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	27141126
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

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CSA / UL Recognized / KEMA-KEUR / cUL Recognized / DNV / CCA / RS / PRS / cULus Recognized

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Approvals

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm²/AWG/kcmil	26-10
Nominal current I _N	40 A
Nominal voltage U _N	300 V

UL Recognized 	
mm²/AWG/kcmil	26-8
Nominal current I _N	50 A
Nominal voltage U _N	300 V

KEMA-KEUR 	
mm²/AWG/kcmil	6
Nominal voltage U _N	500 V

cUL Recognized 	
mm²/AWG/kcmil	26-8
Nominal current I _N	50 A
Nominal voltage U _N	300 V

Disconnect terminal block - URTK/S-BEN - 0309086

Approvals

DNV

CCA	
mm ² /AWG/kcmil	6
Nominal voltage UN	500 V

RS

PRS

cULus Recognized  US

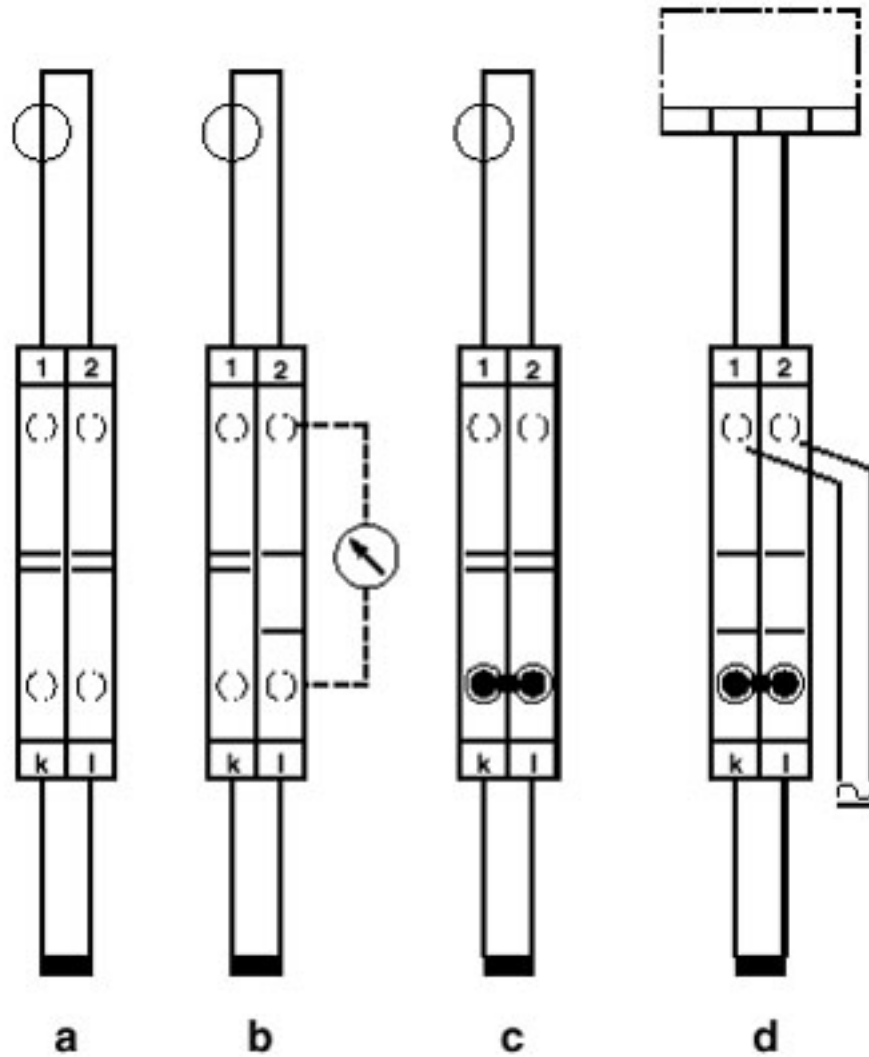
Drawings

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Circuit
diagram



Schematic diagram



Simple current transformer test circuit

a = normal operation

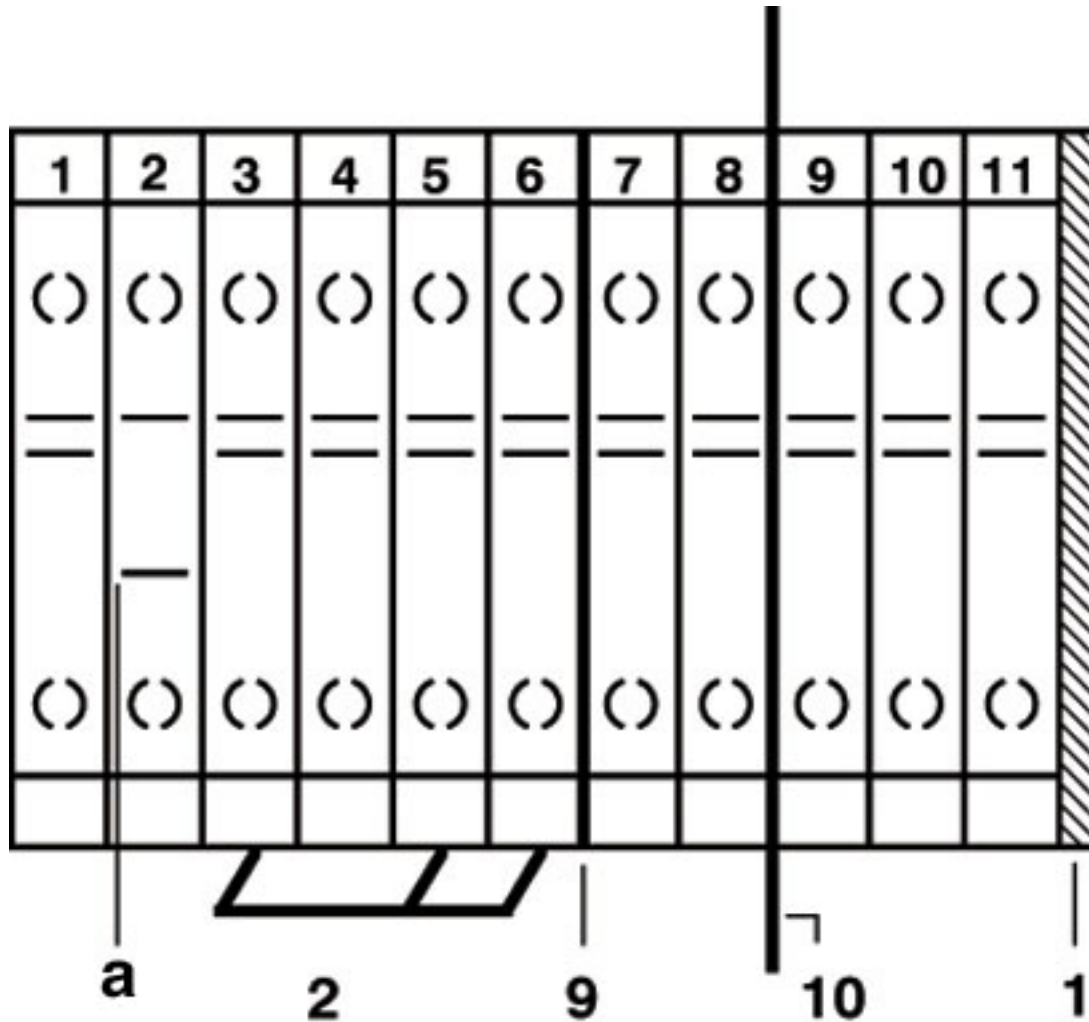
b = measured value testing

c = transformer short-circuit

d = relay testing

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Circuit diagram



a = open
1 = cover
2 = insertion bridge
9 = separating plate
10 = partition plate