

Disconnect terminal block - URTKD/SP - 0311142

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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

- Touch-proof test sockets with 4 mm diameter are already permanently integrated
- The terminal blocks can be fitted with fixed and switchable bridges on both sides



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	36.84 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	6 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	41 A

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Technical data

General

Maximum load current	50 A (with 10 mm ² conductor cross section)
Nominal voltage U _N	500 V
Open side panel	No

Dimensions

Length	99.5 mm
Width	8.2 mm
Height NS 35/7,5	59 mm
Height NS 35/15	66.5 mm
Height NS 32	64 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 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.	4 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.	2.5 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
Connection method	Screw connection
Stripping length	11 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

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Technical data

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

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
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

PRS / EAC / EAC

Ex Approvals



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Approvals

Approvals submitted

Approval details

PRS
EAC
EAC

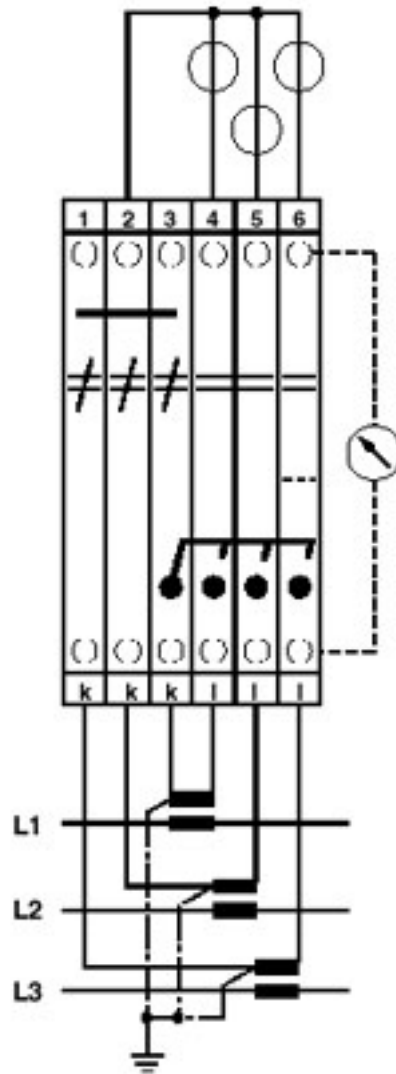
Drawings

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Circuit diagram



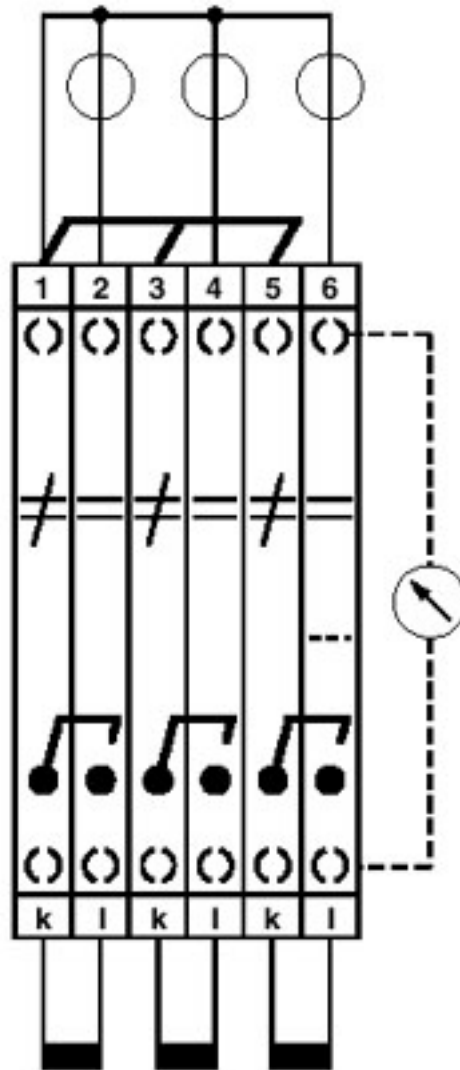
Schematic diagram



Three-phase linked transducer test set

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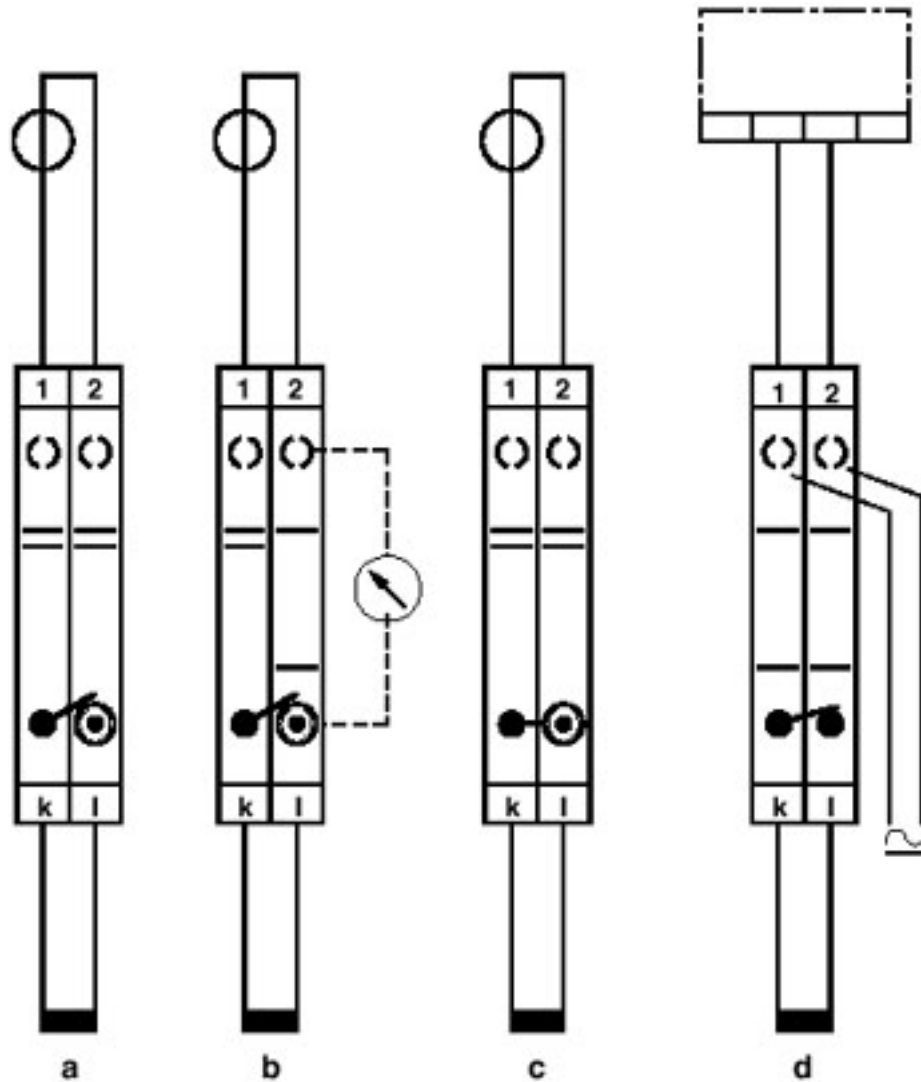
Schematic diagram



Three-phase transducer test set

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Schematic diagram



Simple current transformer test circuit

a = normal operation

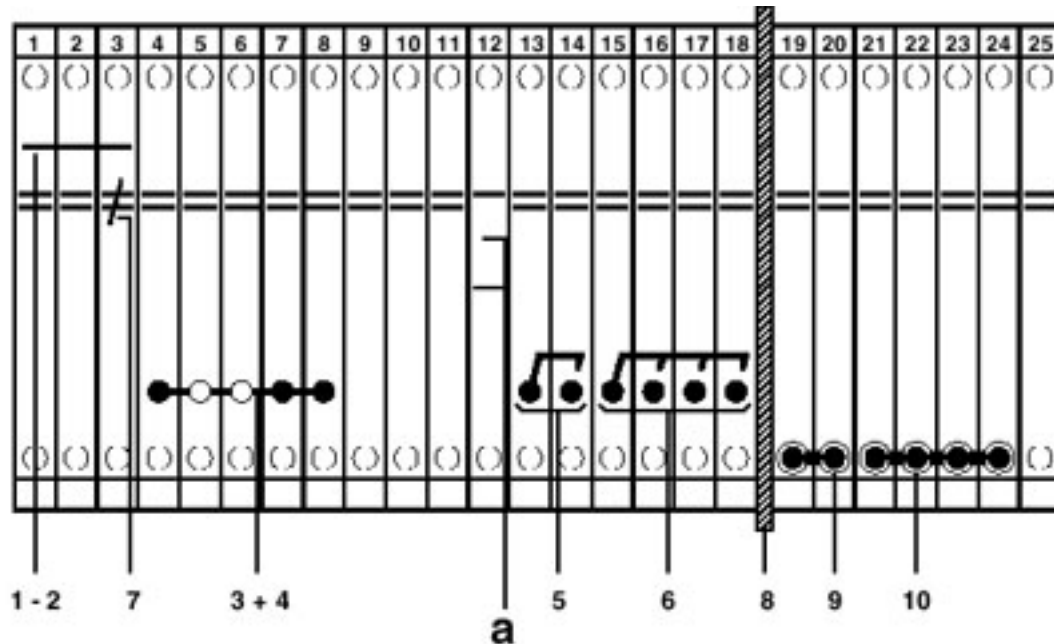
b = measured value testing

c = transformer testing

d = relay testing

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Circuit diagram



a = open

1 = fixed bridge, for cross-connections in the terminal center

2 = fixed bridge, for cross connections on both sides of the disconnect point

3 = isolator bridge bar

4 = bridge bar isolator

5 = switch bar, 2-pos., useable on both sides of the disconnect point, inward switching motion

6 = switch bar, for 4-pos. short-circuiting of linked current transformer sets, useable on both sides of the disconnect point

7 = switching lock

8 = partition plate

9 = short-circuit plug

10 = short-circuit plug