

Disconnect terminal block - URTK/SP - 0311126

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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

package_quantity	50
GTIN	4017918001315

Technical data

General

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

General

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	500 V
Open side panel	nein
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	7.3 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 kV
Result of power-frequency withstand voltage test	Test passed

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Technical data

General

Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.5 mm ² / 0.3 kg
Bending test conductor cross section/weight	6 mm ² / 1.4 kg
Bending test conductor cross section/weight	10 mm ² / 2 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.5 mm ²
Tractive force setpoint	30 N
Conductor cross section tensile test	6 mm ²
Tractive force setpoint	80 N
Conductor cross section tensile test	10 mm ²
Tractive force setpoint	90 N
Tensile test result	Test passed
Tight fit on carrier	NS 32/NS 35
Setpoint	5 N
Result of tight fit test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	6 mm ²
Short-time current	0.72 kA
Conductor cross section short circuit testing	10 mm ²
Short-time current	1.2 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

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

Note	Terminal point
Conductor cross section solid min.	0.5 mm ²

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Technical data

Connection data

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.	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

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	27141127

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902

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classifications

ETIM

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 / KEMA-KEUR / cUL Recognized / GOST / PRS / CCA / GOST / cULus Recognized /

Approval details

CSA 	
Nominal voltage UN	300 V
Nominal current IN	45 A
mm²/AWG/kcmil	26-8

UL Recognized 	
Nominal voltage UN	300 V
Nominal current IN	45 A
mm²/AWG/kcmil	26-8

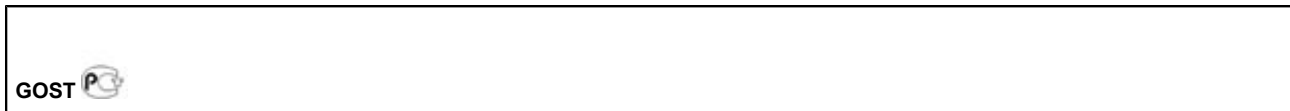
KEMA-KEUR 	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	6

cUL Recognized 	
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approvals

Nominal voltage UN	300 V
Nominal current IN	45 A
mm²/AWG/kcmil	26-8



CCA	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	6



accessories

Short-circuit connector

KSSI 4-8 - 3000735



KSSI 2-8 - 3000722



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accessories

Partition plate

ATP-URTK/SP - 0311139



Terminal marking

SBS 8:UNBEDRUCKT - 1007235



ZB 8:UNBEDRUCKT - 1052002



UC-TM 8 - 0818072



UCT-TM 8 - 0828740



Screwdriver tools

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accessories

SZS 1,0X4,0 VDE - 1205066



Insulating sleeve

IS-K 10 - 1303337



ISSBI 10- 8 - 0301534



Bridge

FBI 2- 8 - 0200020



FBI 4- 8 - 0200046



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accessories

FBI 3- 8 - 0200059



FB 10- URTK/SP - 0311663



FBI 10- 8 - 0203263



EB 2- 8 - 0202154



EB 3- 8 - 0202141



EB 10- 8 - 0202138



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accessories

SB 4-URTK/SP - 0360025



SB 2-URTK/SP - 0360012



EB 4- 8 - 0202142



EB 3- 8/ST - 5020810



Switching lock

S-URTK/SP - 0311155



Mounting rail

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accessories

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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accessories

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



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



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



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



NS 35/ 7,5 CAP - 1206560



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accessories

NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



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accessories

NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



Labeled terminal marker

ZB 8 CUS - 0825011



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accessories

UC-TM 8 CUS - 0824597



UCT-TM 8 CUS - 0829616



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



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accessories

E/UK - 1201442



E/UK 1 - 1201413



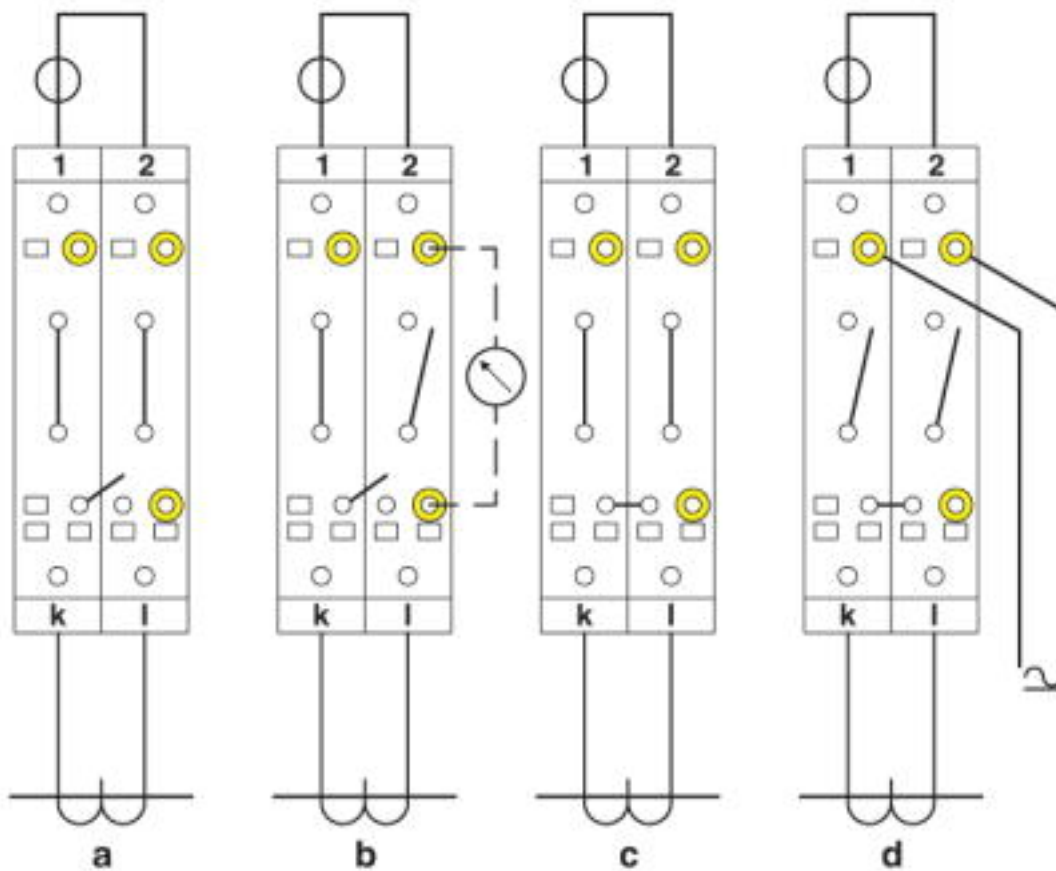
accessories

FB 10-URTK/SP - 0311304

Drawings

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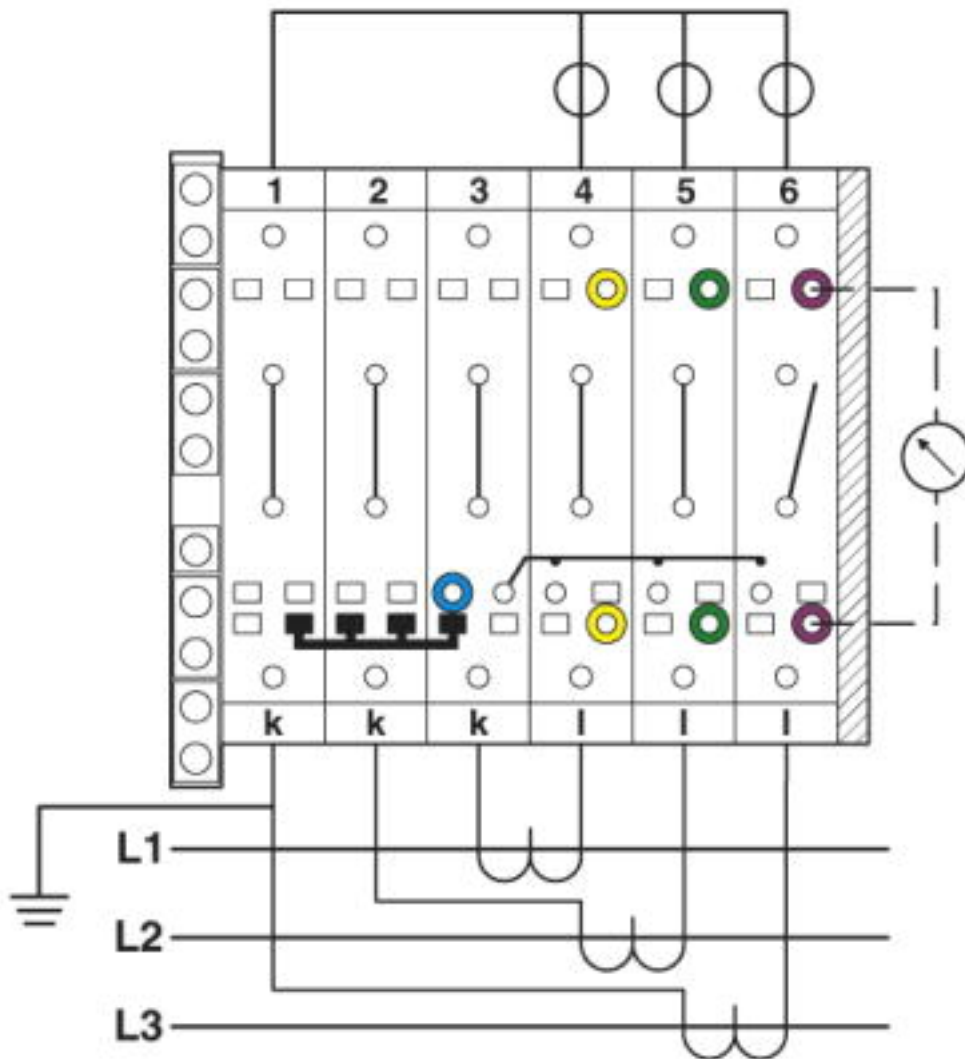
Connection diagram



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

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Connection diagram



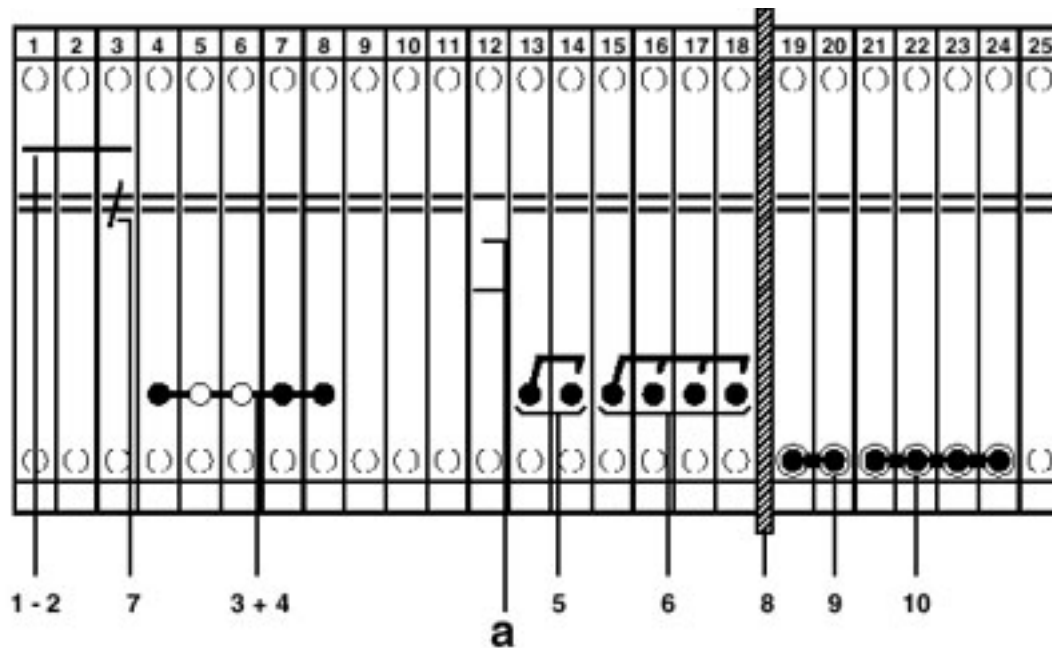
Three-phase linked transducer test set

Circuit diagram



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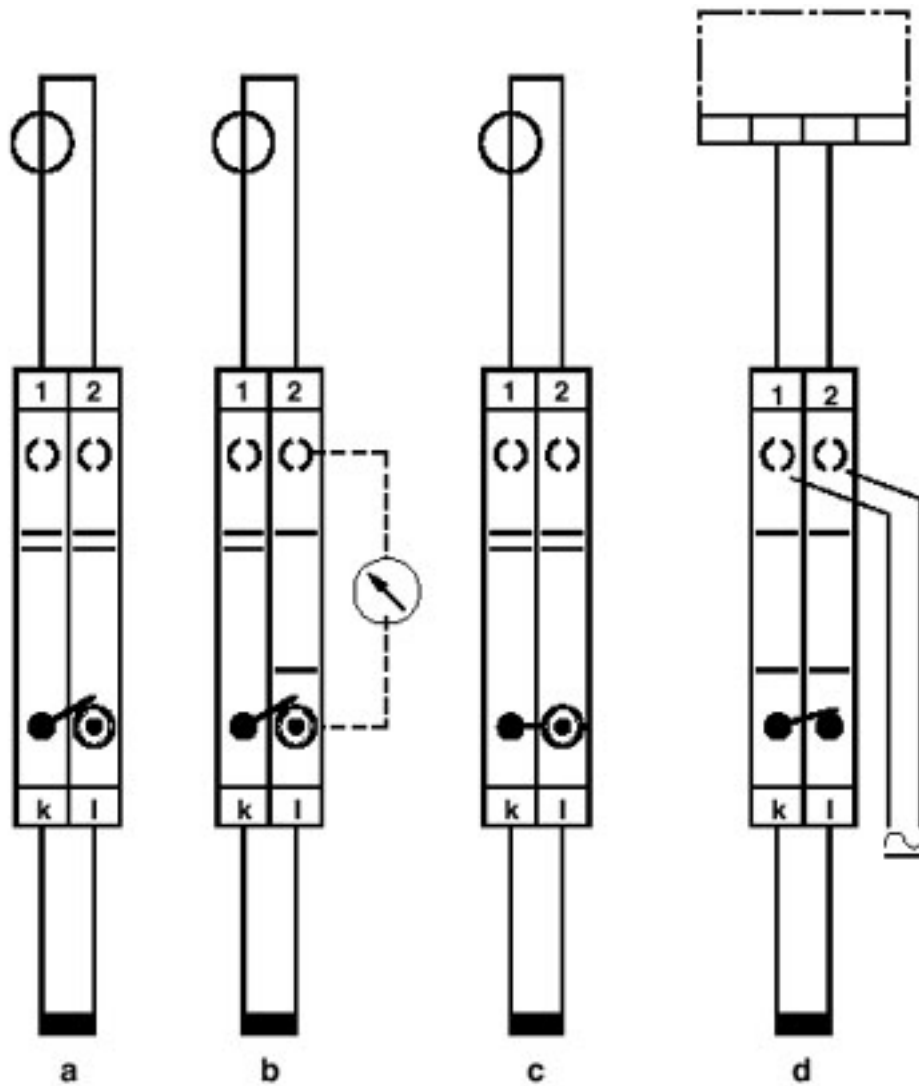
Circuit diagram



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

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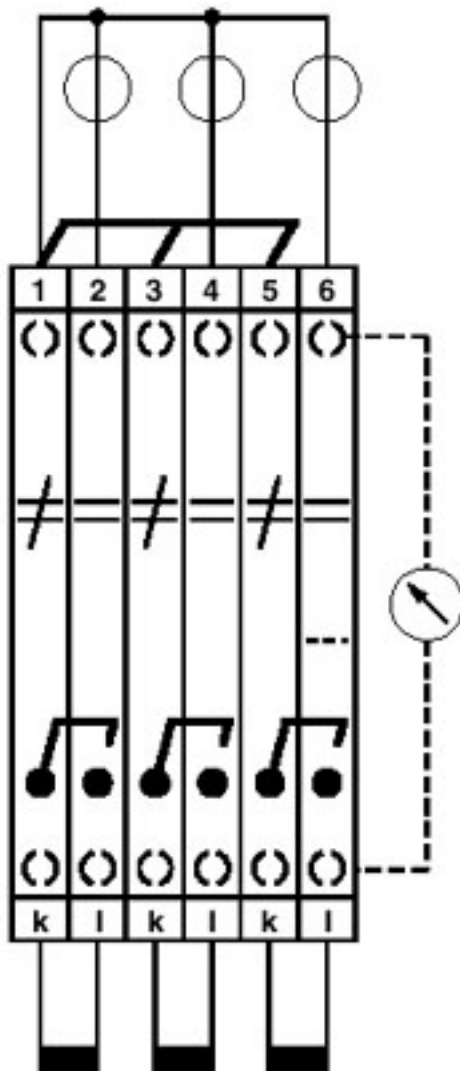
Schematic diagram



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

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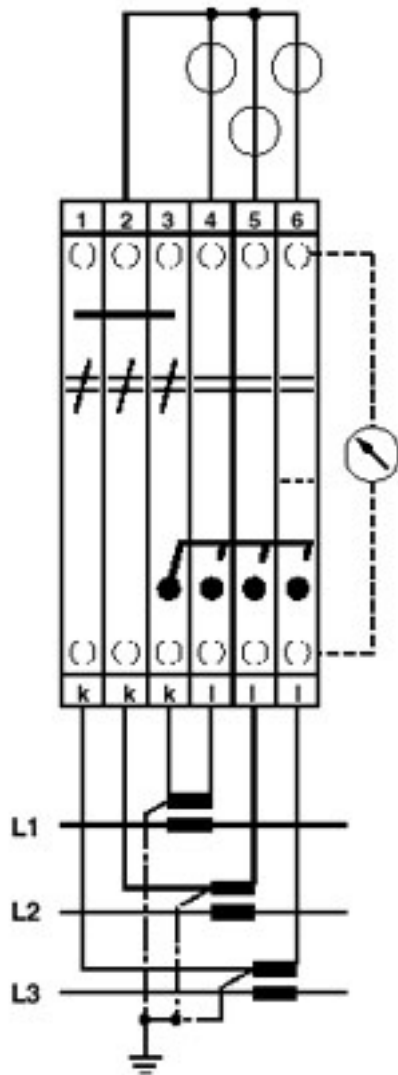
Schematic diagram



Three-phase transducer test set

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Schematic diagram



Three-phase linked transducer test set

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