

URTK 6 - Test disconnect terminal block



3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Test disconnect terminal block, nom. voltage: 500 V, nominal current: 41 A, connection method: Screw connection, 1 level, Rated cross section: 6 mm², cross section: 0.5 mm² - 10 mm² , mounting type: NS 35/7,5, NS 35/15, NS 32, color: gray

Your advantages

- The URTK 6 test disconnect terminal block and the UGSK 6 slide-type terminal block were developed specifically for use in current transformer secondary circuits
- Can be fitted on both sides with fixed and switchable bridges as well as test sockets with 4 mm diameter

Commercial data

Item number	3026272
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE1233
GTIN	4017918168056
Weight per piece (including packing)	30.852 g
Weight per piece (excluding packing)	30.852 g
Customs tariff number	85369010
Country of origin	PL

URTK 6 - Test disconnect terminal block



3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Technical data

Notes

General

Note	The max. load current must not be exceeded by the total current of all connected conductors.
------	--

Product properties

Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.31 W

Connection data

Number of connections per level	2
Nominal cross section	6 mm ²
Test socket torque	0.6
Tightening torque disconnect slide	M3 0.6 ... 0.8 Nm

1 level

Connection method	Screw connection
Screw thread	M4
Tightening torque	1.2 ... 1.4 Nm
Stripping length	10 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.5 mm ² ... 10 mm ²
Cross section AWG	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG]	20 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 6 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm ² ... 6 mm ²
2 conductors with same cross section, rigid	0.5 mm ² ... 2.5 mm ²
2 conductors with same cross section, flexible	0.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm ² ... 2.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 4 mm ²

URTK 6 - Test disconnect terminal block



3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Nominal cross section	6 mm ²
Nominal current	41 A
Maximum load current	57 A (with 10 mm ² conductor cross-section)
Nominal voltage	500 V (when using bridge bars, the voltage is reduced to 400 V)

Dimensions

Width	8.2 mm
End cover width	2 mm
Height	91 mm
Depth on NS 32	56 mm
Depth on NS 35/7,5	51 mm
Depth on NS 35/15	58.5 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Electrical tests

Surge voltage test

Test voltage setpoint	7.3 kV
Result	Test passed

Temperature-rise test

Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
Short-time withstand current 6 mm ²	0.72 kA
Result	Test passed

Power-frequency withstand voltage

Test voltage setpoint	1.89 kV
Result	Test passed

Mechanical properties

URTK 6 - Test disconnect terminal block



3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Mechanical data

Open side panel	Yes
-----------------	-----

Mechanical tests

Mechanical strength

Result	Test passed
--------	-------------

Attachment on the carrier

DIN rail/fixing support	NS 32/NS 35
Test force setpoint	5 N
Result	Test passed

Test for conductor damage and slackening

Rotation speed	10 rpm
Revolutions	135
Conductor cross-section/weight	0.5 mm ² / 0.3 kg
	6 mm ² / 1.4 kg
	10 mm ² / 2 kg
Result	Test passed

Environmental and real-life conditions

Needle-flame test

Time of exposure	30 s
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Screw thread	M3

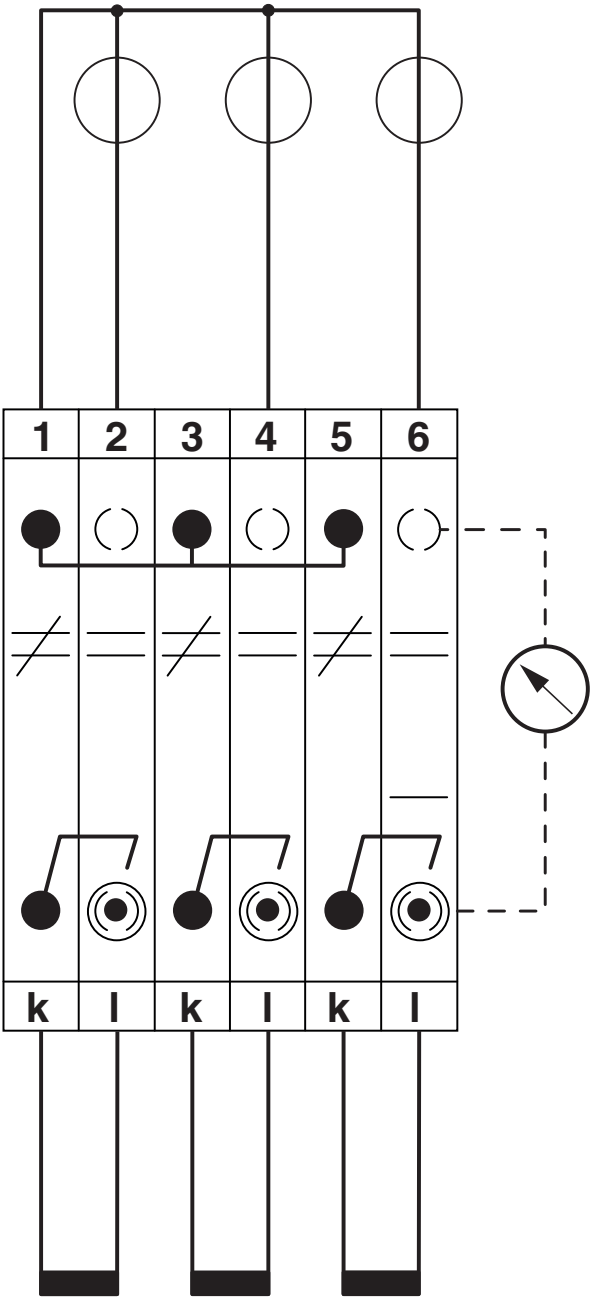
URTK 6 - Test disconnect terminal block



3026272
<https://www.phoenixcontact.com/pc/products/3026272>

Drawings

Schematic diagram



Three-phase transducer test set

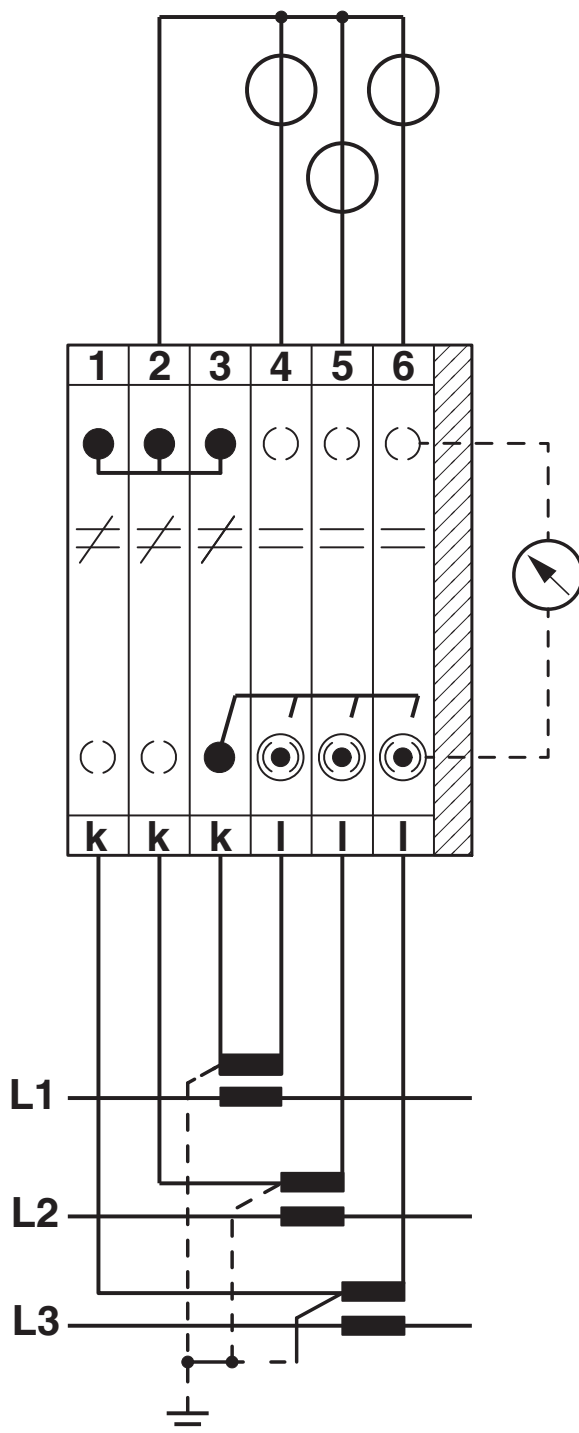
URTK 6 - Test disconnect terminal block

3026272

<https://www.phoenixcontact.com/pc/products/3026272>



Schematic diagram



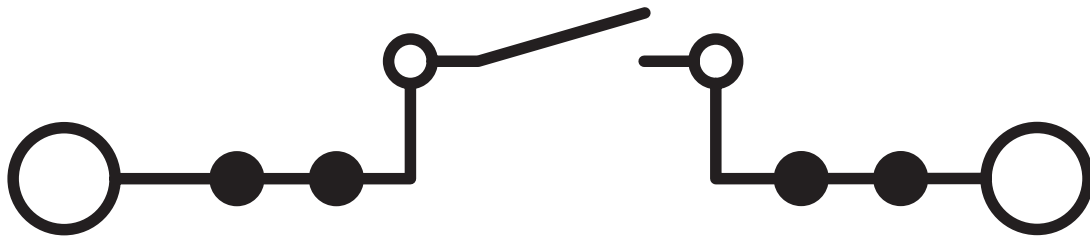
Three-phase linked transducer test set

URTK 6 - Test disconnect terminal block

3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Circuit diagram

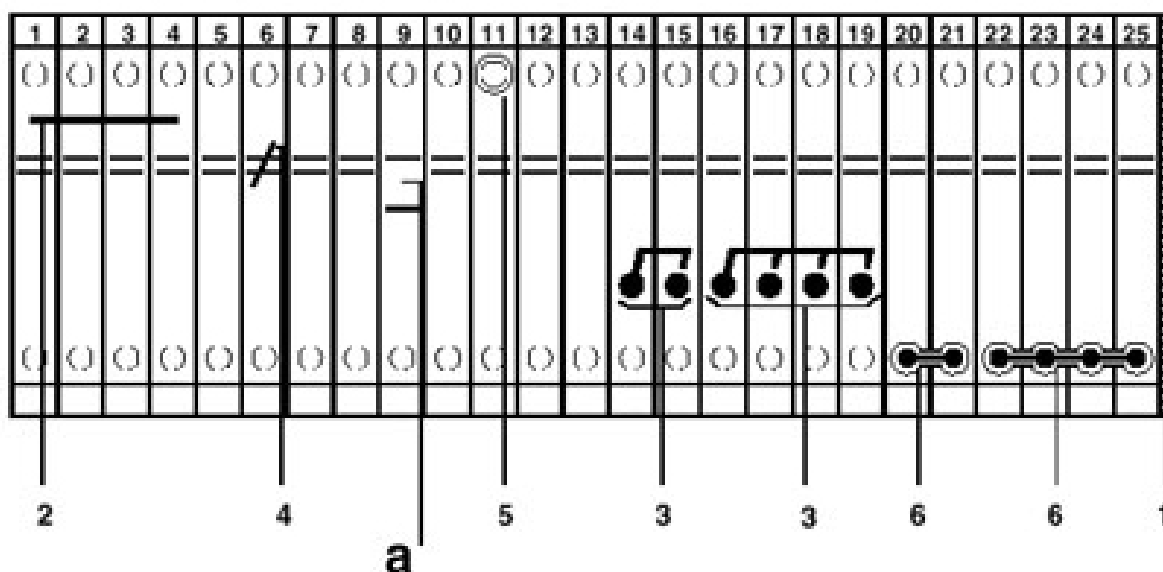


URTK 6 - Test disconnect terminal block

3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Circuit diagram



- a = open
- 1 = cover
- 2 = fixed bridge
- 3 = switch bar
- 4 = switching lock
- 5 = test plug socket
- 6 = short-circuit plug

URTK 6 - Test disconnect terminal block



3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3026272>



EAC
Approval ID: KZ7500651131219505

	cULus Recognized Approval ID: E60425			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	50 A	26 - 8	-
C				
	300 V	50 A	26 - 8	-

URTK 6 - Test disconnect terminal block



3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Classifications

ECLASS

ECLASS-13.0	27250109
ECLASS-15.0	27250109

ETIM

ETIM 10.0	EC000902
-----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

URTK 6 - Test disconnect terminal block



3026272

<https://www.phoenixcontact.com/pc/products/3026272>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	0.181 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com