

URTK/S-BEN

Order No.: 0309086



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Component terminal block, Connection method: Screw connection,
Width: 8.2 mm, Mounting type: NS 35/7,5, NS 35/15, NS 32,
Color: gray

Commercial data	
EAN	4017918001025
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.03452 KG
Catalog page information	Page 399 (CL-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data	
General	
Number of levels	1
Number of connections	2
Color	gray

Insulating material	PA
Inflammability class acc. to UL 94	V0

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

Technical data

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

Connection data

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
Type of connection	Screw connection
Stripping length	10 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Certificates / Approvals



Certification

CCA, CSA, CUL, DNV, GOST, KEMA, PRS, RS, UL

CSA

Nominal voltage U_N	300 V
Nominal current I_N	40 A
AWG/kcmil	26-10

CUL

Nominal voltage U_N	300 V
Nominal current I_N	50 A
AWG/kcmil	26-8

UL

Nominal voltage U_N	300 V
Nominal current I_N	50 A
AWG/kcmil	26-8

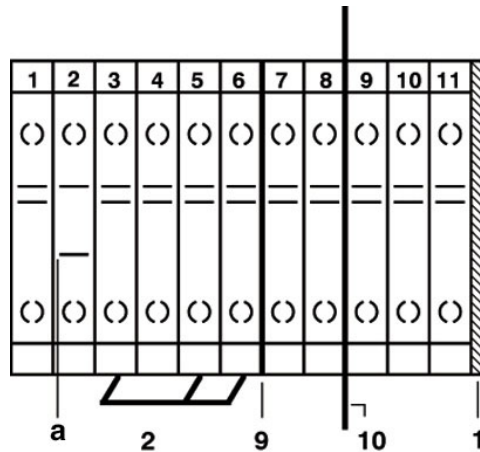
Accessories

Item	Designation	Description
Assembly		
0308223	ATS-RTK-BEN	Partition plate, Length: 61 mm, Width: 0.8 mm, Height: 58.5 mm, Color: gray
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray
0308029	D-URTK/S-BEN	End cover, Length: 61 mm, Width: 2.2 mm, Color: gray
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7,5 DIN rail
1201028	NS 32 AL UNPERF 2000MM	G rail 32 mm (NS 32)
1201280	NS 32 CU/120QMM UNPERF 2000MM	G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201358	NS 32 CU/35QMM UNPERF 2000MM	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201002	NS 32 PERF 2000MM	G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m
1201015	NS 32 UNPERF 2000MM	G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
0308210	TS-RTK-BEN	Separating plate, Length: 61 mm, Width: 0.8 mm, Color: gray
Bridges		
0202154	EB 2- 8	Cross connector/bridge, Number of positions: 2, Color: gray
0202141	EB 3- 8	Cross connector/bridge, Number of positions: 3, Color: gray
0202138	EB 10- 8	Cross connector/bridge, Number of positions: 10, Color: gray

0308359	S	Switching lock, Color: white
General		
1205134	SZG 0,9X6,5	Screwdriver, bladed. with stepped blade, matches all screw terminal blocks with 4 mm diameter test socket screws and test plug sockets, blade width: 6.5 mm
Marking		
1007235	SBS 8:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1050512	ZB 8:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
Plug/Adapter		
3000735	KSSI 4-8	Short circuit connector, Number of positions: 4, Color: black

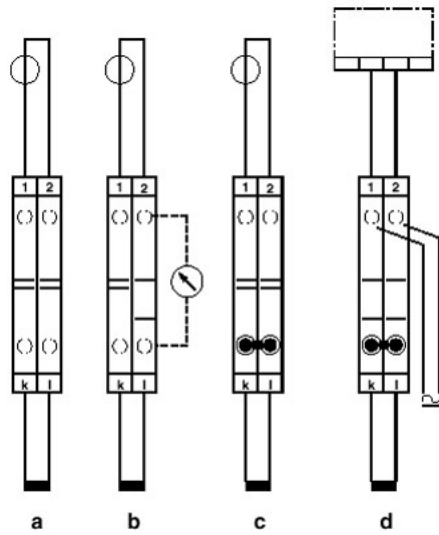
Diagrams/Drawings

Circuit diagram



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

Schematic diagram



Simple current transformer test circuit

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

Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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