

Mini, 7/8" Field Attachable Connectors

RSC 30-RSC 50 | RKC 30-RKC 50



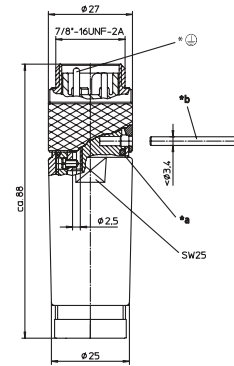
Male, 3-, 4-, and 5-Pole

Field attachable connector, Mini, 7/8" male connector 3-, 4-, and 5-pole with threaded joint, assembling with screw terminals.

Female, 3-, 4-, and 5-Pole

Field attachable connector, Mini, 7/8" female

RSC 30-RSC 50

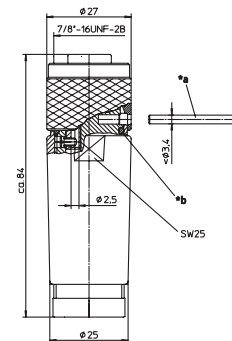


- *a O-ring
- *b Pin or screwdriver as assembly tool
- *c Contact 1.5 leading



connector 3-, 4-, and 5-pole with threaded joint, assembling with screw terminals.

RKC 30-RKC 50

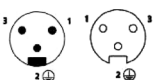


- *a O-ring
- *b Pin or screwdriver as assembly tool

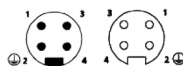
Pin Assignments

Mini, 7/8" - Male / Female

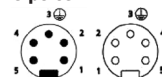
3 poles



4 poles



5 poles



Be Certain with Belden

Mini, 7/8" Field Attachable Connectors

RSC 30-RSC 50 | RKC 30-RKC 50

Technical Data

Environmental






















Degree of protection IP 67 / NEMA 6P
Operating temperature range -40°C (-40°F) / +90°C (+194°F)

Mechanical

Housing / Molded body PA
Insert TPU, self-extinguishing
Contact CuZn, gold over nickel plated
Coupling nut Al anodized
O-ring NBR
Mode of connection screw terminals
Connectable conductor max. 1.5 mm²

Electrical

Contact resistance ≤ 5 mΩ
Nominal current at 40°C 3 poles 12 A
4–5 poles 9 A
Nominal voltage 240 V
Rated voltage 250 V
Test voltage 3 poles 2.5 kV eff. / 60 s
4–5 poles 1.5 kV eff. / 60 s
Insulation resistance > 10⁹ Ω
Pollution degree 3

Part Number		Pins	Cable Diameter Range	Characteristics
Male	Female			
RSC 30/9	RKC 30/9	3	Ø 6.0 – 8.0 mm	
RSC 30/11	RKC 30/11		Ø 8.0 – 10.0 mm	 
RSC 30/13.5	RKC 30/13.5		Ø 10 – 12.0 mm	 
RSC 30/16	RKC 30/16		Ø 12 – 14.0 mm	 
RSC 40/9	RKC 40/9	4	Ø 6.0 – 8.0 mm	
RSC 40/11	RKC 40/11		Ø 8.0 – 10.0 mm	 
RSC 40/13.5	RKC 40/13.5		Ø 10 – 12.0 mm	 
RSC 40/16	RKC 40/16		Ø 12 – 14.0 mm	 
RSC 50/9	RKC 50/9	5	Ø 6.0 – 8.0 mm	
RSC 50/11	RKC 50/11		Ø 8.0 – 10.0 mm	 
RSC 50/13.5	RKC 50/13.5		Ø 10.0 – 12.0 mm	 
RSC 50/16	RKC 50/16		Ø 12.0 – 14.0 mm	 

Mouser Electronics

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[RKC 30/11 single pk of 1](#) [RKC 30/13.5 single pk of 1](#) [RKC 50/11 single pk of 1](#) [RKC 50/13.5 single pk of 1](#) [RKC 50/16 single pk of 1](#) [RKC 50/9 \(sold as single\)](#) [RKC 30/16 single pk of 1](#) [RKC 30/9 single pk of 1](#) [RKC 40/11 single pk of 1](#) [RKC 40/13.5 single pk of 1](#) [RKC 40/16 single pk of 1](#) [RKC 40/9 single pk of 1](#)