

**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.

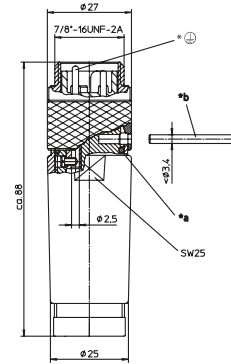
**Female, 3-, 4-, and 5-Pole**

Field attachable connector, Mini, 7/8" female



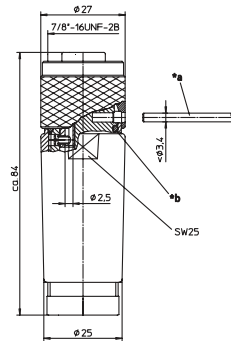
connector 3-, 4-, and 5-pole with threaded joint, assembling with screw terminals.

**RSC 30-RSC 50**



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

**RKC 30-RKC 50**

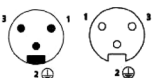


- \*a O-ring
- \*b Pin or screwdriver as assembly tool

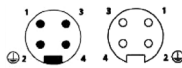
**Pin Assignments**

Mini, 7/8" - Male / Female

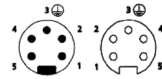
**3 poles**



**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 mm<sup>2</sup>

#### 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 > 10<sup>9</sup> 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     |   |