lumbergautomation
A BELDEN BRAND

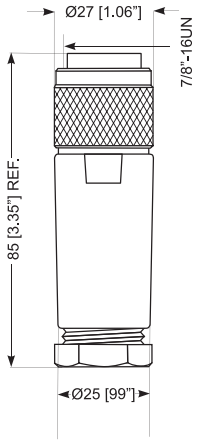
Mini, 7/8” Field Attachable Connectors (Internal Threads)

RSC 301-RSC 501

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

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

RSC 301-RSC 501

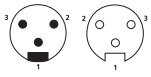


TI_RSC3019

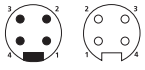
Pin Assignments

Mini, 7/8” - Male / Female

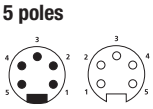
3 poles



4 poles



5 poles



Mini, 7/8" Field Attachable Connectors (Internal Threads)

RSC 301-RSC 501

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	Glass filled nylon
Insert	Nylon, black
Contact	CuZn, gold over nickel plated
Coupling nut	Al anodized
Mode of connection	screw terminals
Connectable conductor	max. 1.5 mm^2

Electrical

Contact resistance	≤ 5 mΩ
Nominal current at 40°C	3 poles 12 A 4–5 poles 9 A
Nominal voltage	600 V
Insulation resistance	> 10^9 Ω
Pollution degree	3

Part Number	Pins	Cable Diameter Range	Characteristics
Male			
RSC 301/9	**3**	Ø 6.0 - 8.0 mm	
RSC 301/11		Ø 8.0 - 10.0 mm	
RSC 301/13.5		Ø 10.0 - 12.0 mm	
RSC 301/16		Ø 12.0 - 14.0 mm	
RSC 401/9	**4**	Ø 6.0 - 8.0 mm	
RSC 401/11		Ø 8.0 - 10.0 mm	
RSC 401/13.5		Ø 10.0 - 12.0 mm	
RSC 401/16		Ø 12.0 - 14.0 mm	
RSC 501/9	**5**	Ø 6.0 - 8.0 mm	
RSC 501/11		Ø 8.0 - 10.0 mm	
RSC 501/13.5		Ø 10.0 - 12.0 mm	
RSC 501/16		Ø 12.0 - 14.0 mm	