

## ITS 901 Series Reverse Bayonet Multi Pole Power Connector Technical Characteristics



ITS 901 Series is the extension of the ITS Reverse Bayonet connector family, for power cables over AWG 1/0.

Suitable for harsh environmental conditions, 901 Series Connectors accept cable from AWG 4 to 262 MCM (35 - 120 mm<sup>2</sup>), for current up to 450 Amp.

Working voltage: 800 - 1000 Vac.

Available for single wires and multipole jacketed cables, with cable clamp or conduit.

Male contacts with Finger Test Protection, Load Side (Receptacle or Plug).

Long bayonet ramps, three polarization keys and rubber recovered coupling facilitate mating and unmating operations.

901 Series meet the most important rail requirements and specifications:

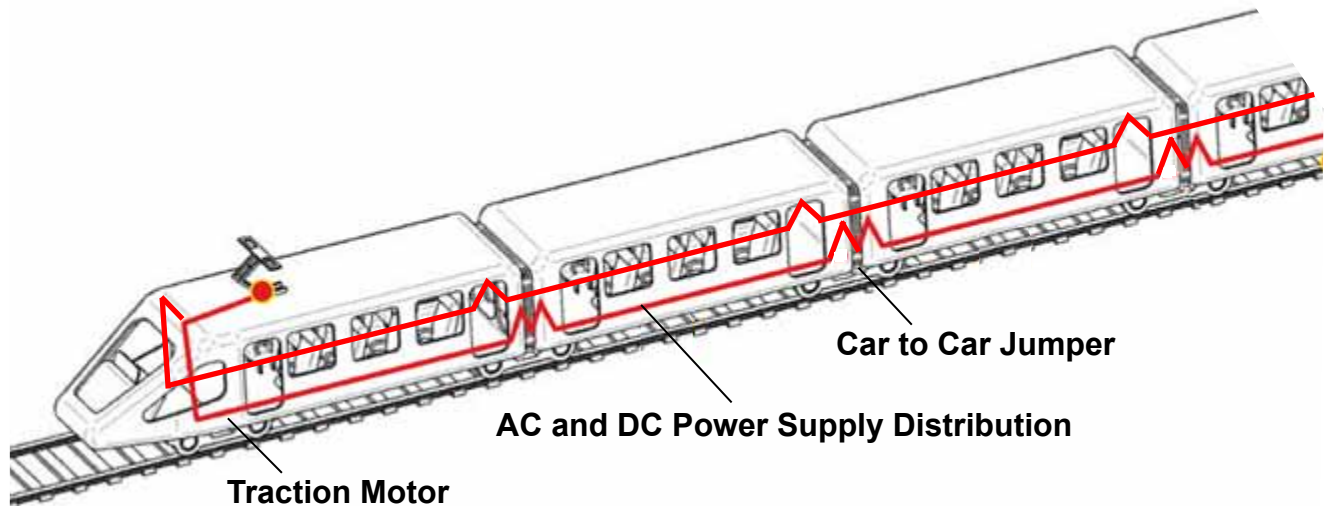
- Salt Spray Test Corrosion: 500 hours;
- 500 Mating Cycles;
- Shock and Vibrations for Under-Car and Car-To-Car Applications;
- IP67 Sealing (Coupled Connectors);
- Fire Resistant and RoHS Compliant Materials.



Plug Connector



Receptacle Connector





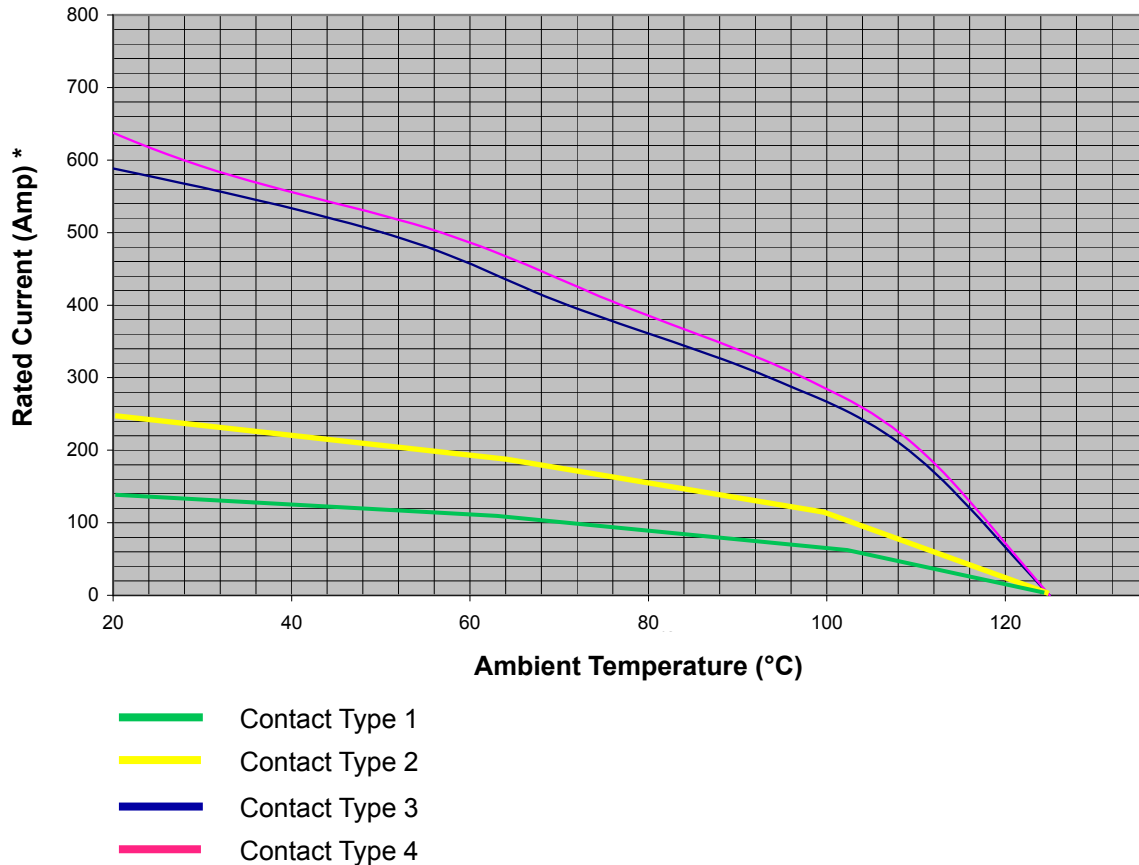
**ITS 901 Series**  
Reverse Bayonet Multi Pole Power Connector  
Technical Characteristics

**Procedures Table**

Description	Procedure
Electrical Characteristics	CEI EN 50124 and CEI EN 60077
Environmental Conditions	CEI EN 50125
Water Protection	CEI EN 60529
Shock and Vibration	CEI EN 61373
Corrosion Protection	VG 95210 - 2
Fire Protection	UNI CEI 1170 - 3
Mating Cycles	VG96929

**B**

**Rated Current Graphic**



\* According with Cables Section