

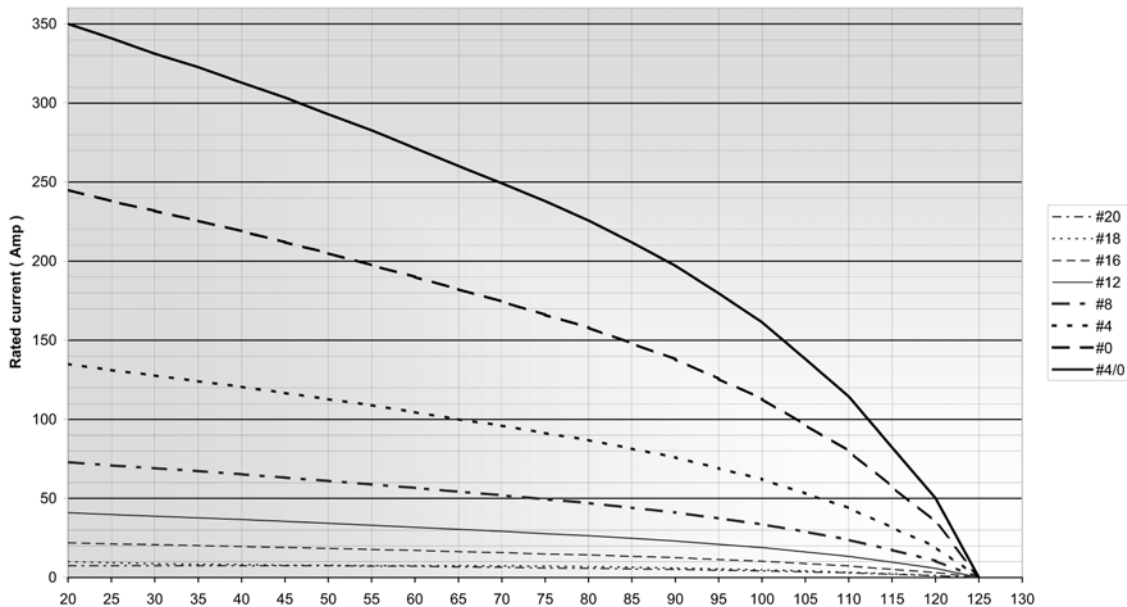
# Glenair Series ITS and ITS-RG MIL-DTL-5015 Type Reverse Bayonet Connectors Materials Overview



## Contact Specifications

Copper alloy with silver plating (standard) or gold plating (available on request).

Contact size	Rated current at 20 C	Rated current at 80 C	Max. Contact resist.	Wire size
20	7.5 A	7.5 A	12.0 mΩ	20 26 AWG
18	10 A	7.5 A	12.0 mΩ	18 26 AWG
16	22 A	13 A	6.0 mΩ	16 22 AWG
12	41 A	23 A	3.0 mΩ	12-14 AWG
8	73 A	46 A	1.0 mΩ	8-10 AWG
4	135 A	80 A	0.5 mΩ	4-6 AWG
0	245 A	150 A	0.3 mΩ	0 2 AWG
4/0	350 A	225 A	0.2 mΩ	4/0 AWG



### Service Rating (Minimum insulating resistance: $\geq 5 \times 10^3 \text{ M}\Omega$ )

Class	Operating voltage Vdc	Operating voltage Vac RMS	Test voltage Vac RMS
INST.	250 V	200 V	1000 V
A	700 V	500 V	2000 V
D	1250 V	900 V	2800 V
E	1750 V	1250 V	3500 V
B	2450 V	1750 V	4500 V
C	4200 V	3000 V	7000 V

**Materials:** *Metal parts:* Aluminum alloy standard. Stainless steel and marine bronze also available.  
*Insulating parts:* High insulation synthetic rubber resistant to oils and high temperatures (-55°C to +125°C) in accordance with MIL-R-3065. All connectors are also available in fire resistant and halogen free materials.

