

Rated Voltage	UL	1500V DC per UL 6703
	IEC/CE	1500V DC per IEC62852, Class A Unrestricted Use
Rated Current(IEC85°C)	20A (4.0mm ² / 12AWG), 30A (6.0mm ² 10AWG), 50A (10mm ² 8AWG)	
Rated Current(UL)	20A (4.0mm ² / 12AWG), 30A (6.0mm ² 10AWG), 50A (10mm ² 8AWG)	
Voltage Testing	6kV (50Hz, 1 minute)	
Contact System Operations	Stamped and Formed(S&F)/Cold Formed(CF) contact, both with RADSOK® Insert	
Typical contract resistance	0.5m ohm	
Insulation material	Thermoplastic	
Contact Material	Tin-Plated Copper Alloy.	
Locking Mechanism	Meets NEC NFPA 70, 690.33(C) requirement for self-locking with tool-required unlock.	
Over Voltage Category	CAT III/2	
Degree of Protection, Mated	IP68	
Degree of Protection, Unmated	IP2X	
Flammability Rated	UL94-V0	
Cable Strain ReliefAccording to	DIN V VDE 0126-3	
Safety Class	Class II	
Ambient Temperature Range	40°C...+90°C(D20IEC/CEI) to -40°C...+85°C (UL)	
Upper Limiting Temperature	105°C (IEC/CE)	
UV Resistance	Outdoor suitable (f1) rated materials, per UL746C	