



## MC4 Connector Technical Specifications



Maximum Current	45 A for 4 sq.mm
Maximum Voltage	1000 V
Rated Impulse Voltage	8 kV
Test Voltage	6 kV (50 Hz, 1 min)
Protection Class	Class II
Application Class	Class A
Flammability Class	UL94-V0
Existence of an Enclosure	Enclosed connector
Pollution degree	2
Over Voltage Category	III
Temperature range	-40 deg C to + 105 deg C
Upper limit temperature	100 deg C
Maximum operating humidity	5% -95% (No condensation)
Contact material	Copper Tin Plated
Insulation material	PPO
Lock mode	Self locking
Connecting cable cross section area	2.5, 4, 6 sq. mm
Insertion force	≤90 N
Withdrawal force	≥ 310 N
Degree of Protection	IP 67
Standard	EN 50521 : 2008
<p>Key Features: Shell has a strong anti-aging, anti-UV capability; found in outdoor use under harsh environment requirements; according to different needs can be arbitrary and used in conjunction with a variety of cell junction box; all connections are using press-fit connection. Certified by TUV</p>	

**FRESUN ENERGY**