

MC4 CONNECTORS



TECHNICAL SPECIFICATIONS

MAXIMUM CURRENT	30A
MAXIMUM VOLTAGE	1500V DC (IEC) 800V DC (UL)
RATED IMPULSE VOLTAGE	8KV
CONTACT RESISTANCE	0.5MΩ
TEST VOLTAGE	6KV (50HZ, 1 MIN)
PROTECTION CLASS	CLASS II
APPLICATION CLASS	CLASS A
FLAMMABILITY	UL94-HB / UL94-V0
EXISTENCE OF ENCLOSURE	ENCLOSED CONNECTOR
POLLUTION DEGREE	2
OVER VOLTAGE CATEGORY	III
TEMPERATURE RANGE	-40°C TO +90°C (IEC)
UPPER LIMIT TEMPERATURE	100°C
MAXIMUM OPERATING HUMIDITY	5% - 90% (NO)
CONDENSATION CONTACT MATERIAL	TIN PLATED, COPPER
INSULATION MATERIAL	PPO
LOCK MODE	SNAP-IN (NUT/ONLY MC4)
CONNECTION CABLE CROSS SECTION AREA	2.5, 4, 6 SQ.MM
INSERTION FORCE	≤90N
WITHDRAWAL FORCE	≥310N
DEGREE OF PROTECTION	IP67 MATED / IP2X UNMATED
STANDARD	EN 50521 : 2008



FEATURES

Connector shell has anti-aging and anti UV capability

Mated connectors are IP67 rated

Snap lock fitment

Can be provided with internal lock mechanism to prevent accidental disconnect (special tool must be used to disconnect)

TUV Certified