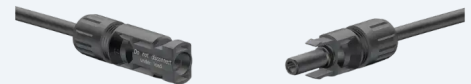


TECHNICAL DATASHEET

MC4 Photovoltaic Connector

ORIGINAL STÄUBLI // RESIDENTIAL USE // COMMERCIAL USE // UTILITY SCALE

The original Stäubli MC4 connector is the global standard for photovoltaic connections, designed to guarantee maximum safety, durability and efficiency in high-voltage solar systems. Thanks to its MULTILAM technology, it offers extremely low contact resistance and long-term stability, ensuring consistent performance throughout the entire lifespan of the photovoltaic system.



- ✓ High-stability MULTILAM technology.
- ✓ Certified for 1,100V DC (IEC) and 1,500V DC (UL).
- ✓ High mechanical and thermal resistance.
- ✓ IP65 / IP68 protection when connected.
- ✓ Up to 100 connection/disconnection cycles.
- ✓ Compatible with cables up to 10 mm².

FEATURES



HIGH OUTPUT



THERMAL PROTECTION



WEATHER RESISTANT



+34 985 194 232

www.bexieenergy.comCalle Peña Santa 68, Polígono
Industrial Silvota, 33192, Llanera, Asturias

| MODEL | MC4 PHOTOVOLTAIC CONNECTOR |
|---|----------------------------|
| TECHNICAL DATA | |
| Ambient temperature range | -40 °C ~ +85 °C (TÜV/UL) |
| Upper limit temperature | 105 °C |
| Degree of protection, connected | IP65/IP68 (1m, 1h) |
| Degree of protection, disconnected | IP2X |
| Pollution degree | 3 |
| Max. contact resistance of connector | <0.25mΩ |
| Rated impulse voltage | 16kV |
| Contact system | MULTILAM |
| Connection type | Crimped |
| Contact material | Copper, tin-plated |
| Insulating material | PC/PA |
| Locking system | Locking type |
| Fire protection class | UL94:V-0 |
| Ammonia resistance | According to DLG |
| Ammonia resistance tested according to | 2 PFG 1911/04.16 |
| Salt spray test | Severity level 6 |
| Max. number of mating cycles | 100 |
| TÜV Rheinland certification number | R 60127190 |
| TÜV Rheinland 2 PFG 2330 | R 60087448 |
| UL file number (UL6703 and CSA C22.2 No. 182.5) (cULus certified and UL recognized) | E343181 |
| CQC certification number | CQC20024256431 |
| JET certificate number | B19T0013 |