

Press release

CH-Allschwil, 26 August 2014
– for immediate publication –

+ + + + + The Evolution of the MC4 Connector Range + + + + +

Multi-Contact presents the new MC4-EVO 2

It looks good, reliably conducts large currents, can be assembled on-site, and has received all of the necessary international certifications (IEC, UL, cTÜVus, JET, CSA) for use worldwide. The MC4-EVO 2 is the latest addition to the MC4 PV connector range, which has proven itself a million times over, and has just been launched by Multi-Contact on the global market. The new connector from the market leader for PV connectors has been approved for 1500 V DC (IEC, TÜV) and 1000 V DC (UL). The MC4-EVO 2 is extremely efficient, meaning that currents of up to 45 A can be transmitted with a cable cross section of 4 mm²/12 AWG, 53 A can be transmitted with a cable cross section of 6 mm²/10 AWG, and 69 A can be transmitted with a cable cross section of 10 mm²/8 AWG. The sustainable and durable concept ensures high yields for operators thanks to low power loss. MC4-EVO 2 is compatible with the entire MC4 range and meets the requirements for NEC 2011. The MC4-EVO 2 and MC4-EVO 3 series are the first PV connectors to have been entered into the JET component database. This is an important development for the international company with Swiss roots, as it opens the door for MC connector technology to applications in Japan.

Sascha Schmidt, Product Manager Photovoltaics, states: "As with all of the products in the MC4 range, this new connector owes its excellent electrical values to the MULTILAM contact technology. It guarantees excellent contact even when subject to contact resistance of up to 0.35 mΩ." The MC4-EVO 2 meets the requirements for the IP65 and IP68 degrees of protection and is approved for use within a temperature range of –40°C to +85°C (IEC and UL). The impact-resistant polyamide housing can withstand UV radiation, salt spray, and ammonia vapors. As with all PV connectors, Swiss-quality preassembled cable sets are available; however, the proven and widely used MC4 crimping pliers also allow you to assemble the connectors professionally on-site.

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Fig. 1 | The new MC4-EVO 2 embodies the expertise gained through millions of installed PV connectors.

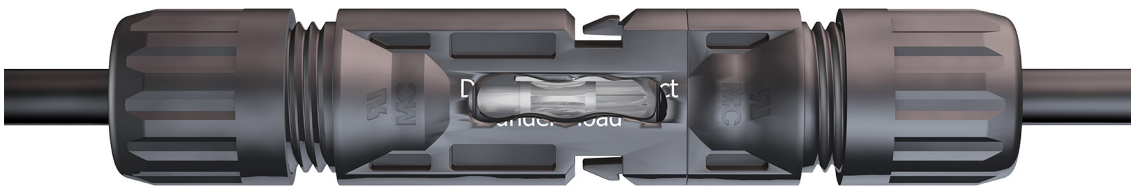


Fig. 2 | Multi-Contact's patented MC MULTILAM is the powerful heart that connects all of the MC4 connectors.