

Serial MC4 connector

Product code: [Inne.MC4.Staubli.komplet.pv](#)



Set of connectors, Multi-Contact connectors, Staubli MC4 MC4 connectors are designed to connect 4mm² and 6mm² wires and photovoltaic cables to solar panels. Each set includes a negative and positive connector, along with metal connecting elements.

Product variants

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Serial MC4 connector Inne.MC4.Staubli.komplet.pv	Product prices only visible after login. If you do not have an account, please register.

Product description

Set of connectors, Multi-Contact connectors, Staubli MC4 MC4 connectors are designed to connect 4mm² and 6mm² wires and photovoltaic cables to solar panels. Each set includes a negative and positive connector, along with metal connecting elements. Specification and technical data of the Staubli MC4 connector set: The type of contact is a 4 mm diameter banana plug made of tin-plated copper. Inside the sockets, there are spring elements that improve the quality of electrical contact - known as Multi-lams®. Maximum system voltage: 1000 V DC (IEC 62852) / 1500 V DC (2Pfg2330) / 1500 V DC (UL) Nominal current TÜV (85°C): 22.5A (for 2.5mm²), 39A (for 4mm² and 6mm²), 45A (for 10mm²) Withstand voltage: 12 kV (1000 V DC (TÜV) / 16 kV (1500 V DC (TÜV) Operating temperature: (-40°C to +85°C TÜV), (-40°C to +75°C UL) Maximum operating temperature: 105°C (TÜV) Degree of protection: IP65 / IP68 (1 hour / 1 meter) / IP2X (disconnected state) Surge category / pollution degree: CAT III / 3 Contact resistance: ≤ 0.25mΩ, (guaranteed ≤ 0.35mΩ after approximately 25 years) Safety class: 1000 V DC: II, 1500 V DC: 0 (for locations with limited access by third parties) Material of electrical contacts: tin-plated copper Insulation: PC/PA (poliamid)

Flammability class: UL94-VO Length [mm] 600 Width [mm] 200 Height [mm] 150