



Technical Specification: Rev00 (07/2021)

Kit-MC4-MF

Benefits and Features

Superior quality connectors for photovoltaic systems. They have a robust design, greater mechanical resistance, providing more durability than other Manufacturers, ensuring reliability and long life to the system.

They are connectors designed mainly to complete or compose photovoltaic (PV) panel dies, normally in parallel applications.

- Simple assembly system
- Insulators in PPO
- Allows mounting on diferente types of photovoltaic cables (2.5/4.0 and 6,0 mm²)
- Tinned pure copper contacts
- Approved by TÜV and CE



Technical Information

Product	
Product Part Number	Kit-MC4-MF (1 pair)
Description	Connector kit with 1 pair MC4 Male and Female
Connection Type	MC4
Mechanical Features	
Connection of cable wires	By crimping (use appropriate pliers)
Max. Recommended wire gauges	2,5-4,0 and 6,0mm ² (14, 12 and 10 AWG)
Temperature range	-40°C to +85°C
Dimensions	Male: Ø19,0mm C: 60mm / Female: Ø19,0mm C: 58mm
Mass	Male: ~ 13 grams / Female: ~ 11 grams
Degree of Protection	IP67
Flammability class	UL94-V0
Insertion force	50 N max.
Holding force	50 N min.
Electrical Features:	
Max. Voltage	1800 VDC
Test voltage	8 kVDC (60Hz / 1 min.)
Contact resistance	≤ 5 mΩ
Overvoltage	CATIII/2

Technical Specification: Rev00 (07/2021)

Current range	30A, 40A and 50A (DC)
---------------	-----------------------