

# Multi-Contact – MC3 and MC4 connector systems

Multi-Contact AG was founded in 1962 and is currently employing more than 700 staff. All manufacturing sites are ISO 9001-certified and therefore meet the highest quality demands.

## MC connector systems

The components of the MC connector system for photovoltaics are designed to allow time-saving and safe serial and parallel wiring of PV modules for building-integrated and free-standing solar installations. For practical use the connector systems MC3 and MC4 are available, depending on the existing modules or inverters.

### The proven MC3 connector systems

- Diameter Ø 3 mm
- Rated current  
max. 30 A for 6 mm<sup>2</sup>  
max. 20 A for < 4 mm<sup>2</sup>

- System voltage max. 1000 V
- Degree of protection, connected IP65
- Protection class II
- Temperature range -40°C to +90°C
- TÜV Rheinland – type approved

### The interlockable MC4 connector systems


- Diameter Ø 4 mm
- Rated current max. 30 A
- System voltage max. 1000 V
- Degree of protection, connected IP67
- Easy installation
- Locking system "Snap in"
- Protection class II
- Temperature range -40°C to +90°C
- TÜV Rheinland – type approved



The MC3 plugs and sockets, shown with associated contacts.



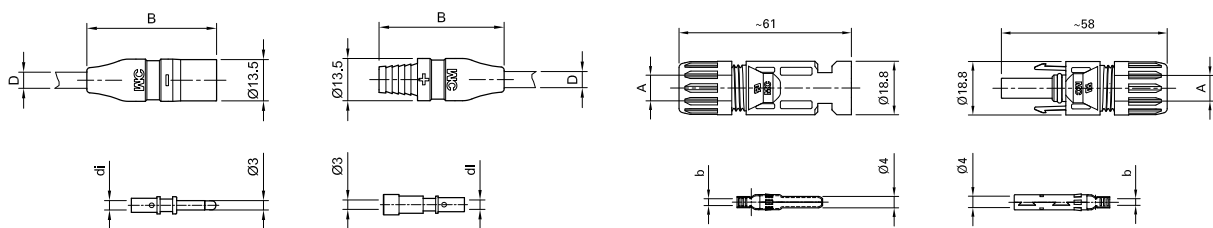
The MC4 plugs and sockets, shown with associated contacts.

Art. No.	1302000	1302010	1302050	1302040	1302020
					
Model	MultiContact PV-KBT3II (A: 2 - 4 mm <sup>2</sup> , D: 4.9 - 7.1 mm)	MultiContact PV-KST3II (A: 2 - 4 mm <sup>2</sup> , D: 4.9 - 7.1 mm)	MultiContact PV-KBT3/6III (A: 6 mm <sup>2</sup> , D: 6.5 - 9 mm)	MultiContact PV-KST3/6III (A: 6 mm <sup>2</sup> , D: 6.5 - 9 mm)	MultiContact PV-KBT4/6II (A: 4 - 6 mm <sup>2</sup> , D: 5.5 - 9 mm)
Description	Female type MC3 for Radox / Draka / Studer 4 mm <sup>2</sup>	Male type MC3 for Radox / Draka / Studer 4 mm <sup>2</sup>	Female type MC3 for Radox / Draka / Studer 6 mm <sup>2</sup>	Male type MC3 for Radox / Draka / Studer 6 mm <sup>2</sup>	Female type MC4 for Radox / Draka / Studer 4 - 6 mm <sup>2</sup>
Warranty	2 years	2 years	2 years	2 years	2 years

Art. No.	1302030	1302073	1302085	1302086	1302087
					
Model	MultiContact PV-KST4/6II (A: 4 - 6 mm <sup>2</sup> , D: 5.5 - 9 mm)	MultiContact PV-R-WZ3	MultiContact PV-ES-CZM-19100 crimping pliers insert	MultiContact PV-CZM-16100A crimping pliers	MultiContact PV-LOC crimping pliers locator
Description	Male type MC4 for Radox / Draka / Studer 4 - 6 mm <sup>2</sup>	Installation device for male and female MC3	For MC4 (only use with locator)	For MC3 (MC4: insert and locator necessary)	For MC4 (only use with crimping pliers insert)
Warranty	2 years	2 years	2 years	2 years	2 years

Art. No.	1302116	1302117	1302118	1302115
				
Model	MultiContact PV-WZ-AD/GWD	MultiContact PV-SSE-AD4	MultiContact PV-PST test pin	MultiContact assembly key PV-MS
Description	Socket wrench insert for crimping pliers PV-CZM	Socket wrench insert for crimping pliers PV-CZM	For MC type 4	For MC type 4
Warranty	2 years	2 years	2 years	2 years

Art. No.	1302152	1302153	1302154	1302155
				
Model	MultiContact PV branch plug MC3 PV-AZS3-UR	MultiContact PV branch socket MC3 PV-AZB3-UR	MultiContact PV branch plug MC4 PV-AZS4	MultiContact PV branch socket MC4 PV-AZB4
Description	For MC type 3	For MC type 3	For MC type 4	For MC type 4
Warranty	2 years	2 years	2 years	2 years



The MC3 plugs are based on contacts with a diameter of 3 mm and comply with protection class IP65.

The interlockable MC4 plugs have contacts with diameters of 4 mm and comply with protection class IP67.