

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 mm²
 - max. 20 A for < 4 mm²

- 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.

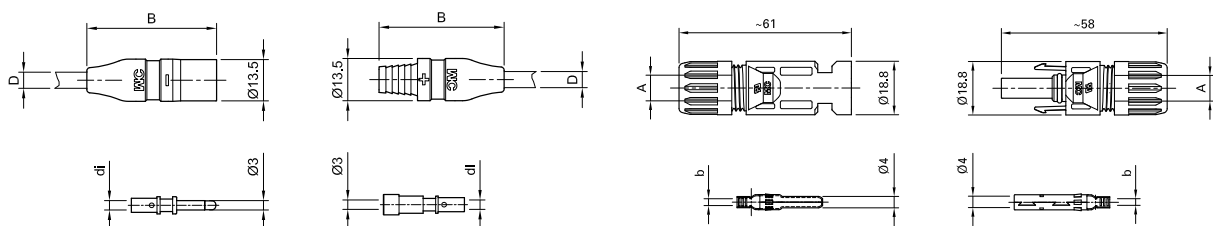
ACCESSORIES Plugs and Sockets

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