

# Original MC4

**Renewable Energy | Solar Photovoltaics**

EN



# Female and male cable coupler MC4

As individual part with open crimp contact (including insulating part)



Female cable coupler PV-KBT4...



Male cable coupler PV-KST4...

- In accordance with NEC 2023, requires a tool to open.
- Proven MULTILAM technology with high long-term stability, which ensures consistently low performance loss throughout the entire service life of the plug connector.
- Tried and tested plug connectors, over 15 years of experience in the field.
- Available for assembly with cross-sections up to 10 mm<sup>2</sup>.
- Also available as ready made leads according to customer's specification.
- To be used with suitable mated connectors from the MC4 product family and suitable cable.

## Technical data

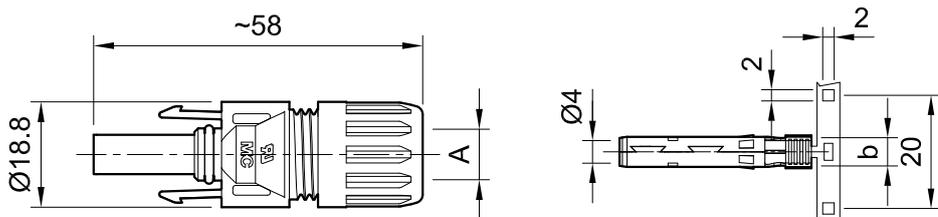
Technical data	
Ambient temperature range	-40 °C...+85 °C (TÜV/UL)
Upper limiting temperature	105 °C
Degree of protection	IP68 (1 m, 168 h)/IP65
Degree of protection, unmated	IP2X
Degree of pollution	3
Max. contact resistance of the connector	0.25 mΩ
Rated Impulse Voltage	16 kV
Contact system	MULTILAM
Type of connection	Crimping
Contact material	Copper, tin plated
Insulation material	PC/PA
Locking system	Locking Type
Fire protection class	UL94:V-0
Ammonia resistance (acc. to DLG)	yes
Salt mist spray test, degree of severity 6	yes
TÜV Rheinland certifications number	R 60127190
TÜV Rheinland 2 PFG 2330	R 60087448
UL-File number	E343181
CSA number of certificate	250725
CQC number of certificate	CQC20024256431
JET number of certificate	B19T0013



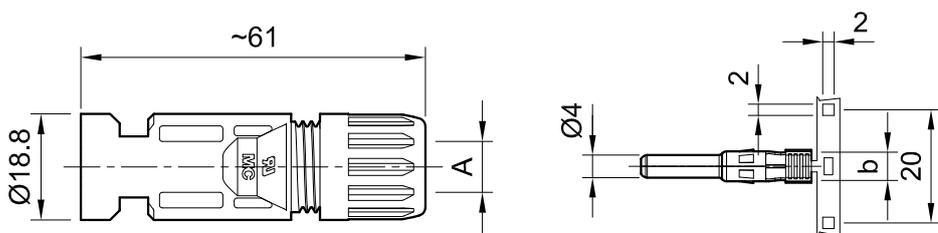
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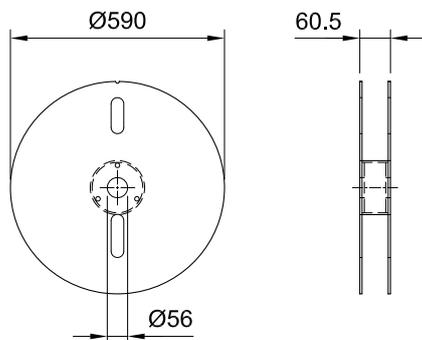
Dimensional drawings



Female cable coupler PV-KBT4...



Male cable coupler PV-KST4...



Reel with contacts

# Female and male panel receptacle MC4

As individual part (including insulating part)



Female panel receptacle PV-ADBP4-S2...



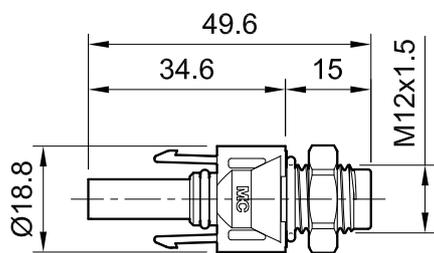
Male panel receptacle PV-ADSP4-S2...

- MC4 panel-receptacle connectors are the interface between an inverter or junction box or junction and a branch cable.
- Mounting directly by means of screw thread or in perforated plate with plastic nut (included in delivery).
- Rapid, precise plugging.
- Protection class IP66 guarantees the highest connection safety.
- To be used with suitable mated connectors from the MC4 product family and suitable cable.
- Includes sealing element for enclosure.

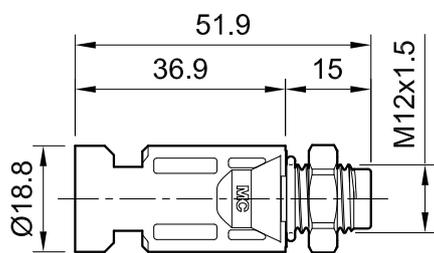
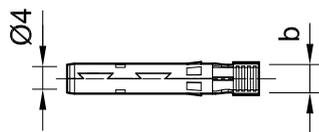
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Upper limiting temperature	105 °C
Degree of protection	IP66
Degree of protection, unmated	IP2X
Degree of pollution	3
Max. contact resistance of the connector	0.25 mΩ
Rated Impulse Voltage	16 kV
Contact system	MULTILAM
Type of connection	Crimping
Contact material	Copper, tin plated
Insulation material	PC/PA
Locking system	Locking Type
Fire protection class	UL94:V-0
TÜV Rheinland certifications number	R 60127181
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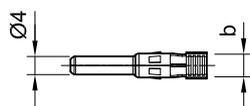
## Dimensional drawings



Female panel receptacle PV-ADBP4-S2...



Male panel receptacle PV-ADSP4-S2...





● Stäubli Units    ○ Representatives/Agents

# Global presence of the Stäubli Group

[www.staubli.com](http://www.staubli.com)