

Crimping pliers for MC4 and MC4-Evo 2

Accessories | Renewable energy

EN



Crimping pliers for MC4 and MC4-Evo 2

One crimping tool for all open B-crimp Stäubli PV DC connectors

The crimping pliers combine MC4 and MC4-Evo 2 within one set of pliers and is designed to be used for all open B-crimps (not applicable for barrel crimp contacts).

The crimping tool can process the following conductor cross-sections with one insert:

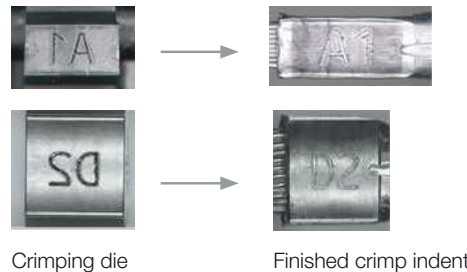
- **Size 1:** 2.5 mm², 4 mm² and 6 mm²
- **Size 2:** 4 mm², 6 mm² and 10 mm²

Benefits:

- One crimping pliers for both MC4 and MC4-Evo 2
- TÜV and UL certified
- Registered design feature providing traceability information about crimping tool on each individual crimp

How to verify that each crimp is made using the suitable tool and die?

The registered design of the crimp traceability concept is providing information about the conductor size, crimp height and crimp width. For further information about this feature please refer to assembly instruction MA 704.



Crimping die

Finished crimp indent



PV-CZM-61100
PV-CZM-60100



PV-LOC-MC4...



PV-LOC-MC4-Evo 2...



PV-ES-CZM...

Order-No.	Type	Description	Crimping range	 Assembly instructions
			mm ²	
32.6020-61100	PV-CZM-61100	Size 1: Crimping pliers incl. locator for MC4 and MC4-Evo 2	2.5 mm ² ; 4 mm ² ; 6 mm ²	MA 704
consisting of:				
32.6082	PV-LOC-MC4 2.5/4/6	Locator for MC4	2.5 mm ² ; 4 mm ² ; 6 mm ²	MA 704
32.6084	PV-LOC-MC4-EVO 2 2.5/4/6	Locator for MC4-Evo 2		
32.6021-61100	PV-ES-CZM-61100	Crimping die		
32.6020-60100	PV-CZM-61000	Size 2: Crimping pliers incl. locator for MC4 and MC4-Evo 2	4 mm ² ; 6 mm ² ; 10 mm ²	MA 704
consisting of:				
32.6081	PV-LOC-MC4 4/6/10	Locator for MC4	4 mm ² ; 6 mm ² ; 10 mm ²	MA 704
32.6083	PV-LOC-MC4-EVO 2 4/6/10	Locator for MC4-Evo 2		
32.6021-60100	PV-ES-CZM-60100	Crimping die		

Usage matrix

Connector type	Conductor cross section	Open crimp contacts B-Crimp	Barrel crimp contacts* O-Crimp	Crimping pliers		Crimping dies		Locators			
				PV-CZM-60100 32.6020-60100	PV-CZM-61100 32.6020-61100	PV-ES-CZM-60100 32.6021-60100	PV-ES-CZM-61100 32.6021-61100	PV-LOC-MC4 32.6081 4 mm²; 6 mm²; 10 mm²	PV-LOC-MC4 32.6082 2.5 mm²; 4 mm²; 6 mm²	PV-LOC-MC4-EVO 2 32.6083 4 mm²; 6 mm²; 10 mm²	PV-LOC-MC4-EVO 2 32.6084 2.5 mm²; 4 mm²; 6 mm²
PV-KBT4/2,5...-UR PV-KST4/2,5...-UR	2.5 mm²	✓	✗		✓		✓		✓		
	14 AWG	✓	✗		✓		✓		✓		
PV-KBT4/6...-UR PV-KST4/6...-UR	4 mm²	✓	✗	✓	✓	✓	✓	✓	✓		
	12 AWG	✓	✗	✓	✓	✓	✓	✓	✓		
	6 mm²	✓	✗	✓	✓	✓	✓	✓	✓		
	10 AWG	✓	✗	✓	✓	✓	✓	✓	✓		
PV-KBT4/10... PV-KST4/10...	10 mm²	✓	✗	✓		✓		✓			
PV-KST4-EVO 2/2.5...-UR PV-KBT4-EVO 2/2.5...-UR	2.5 mm²	✓	✗		✓		✓				✓
	14 AWG	✓	✗		✓		✓				✓
PV-KST4-EVO 2/6...-UR PV-KBT4-EVO 2/6...-UR	4 mm²	✓	✗	✓	✓	✓	✓			✓	✓
	12 AWG	✓	✗	✓	✓	✓	✓			✓	✓
	6 mm²	✓	✗	✓	✓	✓	✓			✓	✓
	10 AWG	✓	✗	✓	✓	✓	✓			✓	✓
PV-KST4-EVO 2A/6... PV-KBT4-EVO 2A/6...	4 mm²	✓	✗	✓	✓	✓	✓			✓	✓
	12 AWG	✓	✗	✓	✓	✓	✓			✓	✓
	6 mm²	✓	✗	✓	✓	✓	✓			✓	✓
	10 AWG	✓	✗	✓	✓	✓	✓			✓	✓
PV-KST4-EVO 2A/10... PV-KBT4-EVO 2A/10...	10 mm²	✓	✗	✓		✓				✓	
	8 AWG	✓	✗	✓		✓				✓	

* The harmonised crimping pliers along with the available inserts listed in the above table do not provide any feasible crimping for barrel crimps. Barrel crimps will become unuseable.



● Stäubli Units ○ Representatives/Agents

Global presence of the Stäubli Group

www.staubli.com