

# 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:

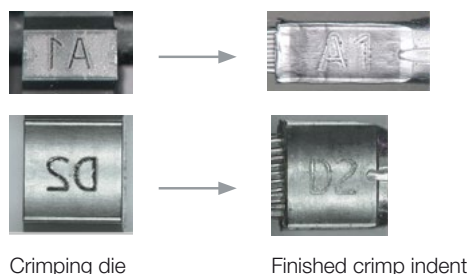
- **Size 1:** 2.5 mm<sup>2</sup>, 4 mm<sup>2</sup> and 6 mm<sup>2</sup>
- **Size 2:** 4 mm<sup>2</sup>, 6 mm<sup>2</sup> and 10 mm<sup>2</sup>

### 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.



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 <sup>2</sup>	
<b>32.6020-61100</b>	PV-CZM-61100	<b>Size 1:</b> Crimping pliers incl. locator for MC4 and MC4-Evo 2	2.5 mm <sup>2</sup> ; 4 mm <sup>2</sup> ; 6 mm <sup>2</sup>	MA 704
consisting of:				
32.6082	PV-LOC-MC4 2.5/4/6	Locator for MC4	2.5 mm <sup>2</sup> ; 4 mm <sup>2</sup> ; 6 mm <sup>2</sup>	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		
<b>32.6020-60100</b>	PV-CZM-60100	<b>Size 2:</b> Crimping pliers incl. locator for MC4 and MC4-Evo 2	4 mm <sup>2</sup> ; 6 mm <sup>2</sup> ; 10 mm <sup>2</sup>	MA 704
consisting of:				
32.6081	PV-LOC-MC4 4/6/10	Locator for MC4	4 mm <sup>2</sup> ; 6 mm <sup>2</sup> ; 10 mm <sup>2</sup>	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>B-Crimp</b>	Barrel crimp contacts* <b>O-Crimp</b>	Crimping pliers		Crimping dies		Locators			
				PV-CZM-60100 <b>32.6020-60100</b>	PV-CZM-61100 <b>32.6020-61100</b>	PV-ES-CZM-60100 <b>32.6021-60100</b>	PV-ES-CZM-61100 <b>32.6021-61100</b>	PV-LOC-MC4 <b>32.6081</b> 4 mm <sup>2</sup> ; 6 mm <sup>2</sup> ; 10 mm <sup>2</sup>	PV-LOC-MC4 <b>32.6082</b> 2.5 mm <sup>2</sup> ; 4 mm <sup>2</sup> ; 6 mm <sup>2</sup>	PV-LOC-MC4-EVO 2 <b>32.6083</b> 4 mm <sup>2</sup> ; 6 mm <sup>2</sup> ; 10 mm <sup>2</sup>	PV-LOC-MC4-EVO 2 <b>32.6084</b> 2.5 mm <sup>2</sup> ; 4 mm <sup>2</sup> ; 6 mm <sup>2</sup>
PV-KBT4/2,5...-UR PV-KST4/2,5...-UR	2.5 mm <sup>2</sup>	✓	✗		✓		✓		✓		
	14 AWG	✓	✗		✓		✓		✓		
PV-KBT4/6...-UR PV-KST4/6...-UR	4 mm <sup>2</sup>	✓	✗	✓	✓	✓	✓	✓	✓		
	12 AWG	✓	✗	✓	✓	✓	✓	✓	✓		
	6 mm <sup>2</sup>	✓	✗	✓	✓	✓	✓	✓	✓		
	10 AWG	✓	✗	✓	✓	✓	✓	✓	✓		
PV-KBT4/10... PV-KST4/10...	10 mm <sup>2</sup>	✓	✗	✓		✓		✓			
PV-KST4-EVO 2/2.5...-UR PV-KBT4-EVO 2/2.5...-UR	2.5 mm <sup>2</sup>	✓	✗		✓		✓				✓
	14 AWG	✓	✗		✓		✓				✓
PV-KST4-EVO 2/6...-UR PV-KBT4-EVO 2/6...-UR	4 mm <sup>2</sup>	✓	✗	✓	✓	✓	✓			✓	✓
	12 AWG	✓	✗	✓	✓	✓	✓			✓	✓
	6 mm <sup>2</sup>	✓	✗	✓	✓	✓	✓			✓	✓
	10 AWG	✓	✗	✓	✓	✓	✓			✓	✓
PV-KST4-EVO 2A/6... PV-KBT4-EVO 2A/6...	4 mm <sup>2</sup>	✓	✗	✓	✓	✓	✓			✓	✓
	12 AWG	✓	✗	✓	✓	✓	✓			✓	✓
	6 mm <sup>2</sup>	✓	✗	✓	✓	✓	✓			✓	✓
	10 AWG	✓	✗	✓	✓	✓	✓			✓	✓
PV-KST4-EVO 2A/10... PV-KBT4-EVO 2A/10...	10 mm <sup>2</sup>	✓	✗	✓		✓				✓	
	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.



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