

ASSEMBLY TOOLS

Crimping pliers for MC4 and MC4-Evo 2



Crimping pliers for MC4 and MC4-Evo 2 (PV-CZM...)



Locator (PV-LOC-MC4-EVO 2...)



Locator (PV-LOC-MC4...)

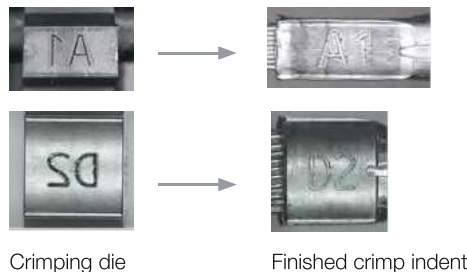


Crimping die (PV-ES-CZM...)

- One crimping pliers for crimping on both MC4 and MC4-Evo 2.
- Designed to be used for all open B-crims (not applicable for closed crimp contacts).
- The crimping tool can process the following conductor cross-sections with one crimping die:
 - Size 1: 2.5 mm², 4 mm² and 6 mm²
 - Size 2: 4 mm², 6 mm² and 10 mm²
- TÜV and UL certified product.
- 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 MA704.



Usage matrix

Connector type	Conductor cross section	Open crimp contacts B-Crimp	Closed 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 mm ² ; 6 mm ² ; 10 mm ²	PV-LOC-MC4 32.6082 2.5 mm ² ; 4 mm ² ; 6 mm ²	PV-LOC-MC4-EVO 2 32.6083 4 mm ² ; 6 mm ² ; 10 mm ²	PV-LOC-MC4-EVO 2 32.6084 2.5 mm ² ; 4 mm ² ; 6 mm ²
PV-KBT4/2,5...-UR PV-KST4/2,5...-UR	2.5 mm ²	✓	✗		✓		✓		✓		
	14 AWG	✓	✗		✓		✓		✓		
PV-KBT4/6...-UR PV-KST4/6...-UR	4 mm ²	✓	✗	✓	✓	✓	✓	✓	✓		
	12 AWG	✓	✗	✓	✓	✓	✓	✓	✓		
	6 mm ²	✓	✗	✓	✓	✓	✓	✓	✓		
	10 AWG	✓	✗	✓	✓	✓	✓	✓	✓		
PV-KBT4/10... PV-KST4/10...	10 mm ²	✓	✗	✓		✓		✓			
PV-KST4-EVO 2/2.5...-UR PV-KBT4-EVO 2/2.5...-UR	2.5 mm ²	✓	✗		✓		✓				✓
	14 AWG	✓	✗		✓		✓				✓
PV-KST4-EVO 2/6...-UR PV-KBT4-EVO 2/6...-UR	4 mm ²	✓	✗	✓	✓	✓	✓			✓	✓
	12 AWG	✓	✗	✓	✓	✓	✓			✓	✓
	6 mm ²	✓	✗	✓	✓	✓	✓			✓	✓
	10 AWG	✓	✗	✓	✓	✓	✓			✓	✓
PV-KST4-EVO 2A/6... PV-KBT4-EVO 2A/6...	4 mm ²	✓	✗	✓	✓	✓	✓			✓	✓
	12 AWG	✓	✗	✓	✓	✓	✓			✓	✓
	6 mm ²	✓	✗	✓	✓	✓	✓			✓	✓
	10 AWG	✓	✗	✓	✓	✓	✓			✓	✓
PV-KST4-EVO 2A/10... PV-KBT4-EVO 2A/10...	10 mm ²	✓	✗	✓		✓				✓	
	8 AWG	✓	✗	✓		✓				✓	

* The crimping pliers for MC4 and MC4-Evo 2 along with the available crimping dies listed in the above table do not provide any feasible crimping for closed crimps. Closed crimps will become unuseable.

Ordering information

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

Further information



Assembly instructions

For assembly instructions for “Crimping pliers for MC4 and MC4-Evo 2” please consult:
www.staubli.com/re-downloads.html → English → Assembly info → **MA704**