

Quality tools
for solar applications

Specialist catalogue

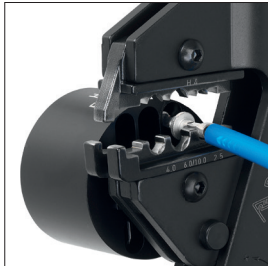


Crimp system pliers PEW 12

- Special crimping tool for crimping virtually any recent type of crimp connector
- Guarantees exact, solder-free electrical connections
- Parallel crimping jaw closing action
- Optimum leverage
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- User-friendly with ergonomic centre of gravity
- One- and two-handed operation
- Wide range of possible combinations



Art. no. 624 000 3



Die set & locator interchangeable



Art. no. 624 000 6

Art. no.	EAN 4049002	Description	↔ mm	⚖ g
624 000 3	014000	Crimp system pliers PEW 12, black-oxide finish, without die set or positioning guide	200	620
624 000 6	014017	Crimp system pliers PEW 12, chrome-plated, without die set or positioning guide	200	620
624 101 3	016172	Crimp system pliers PEW 12 in a plastic case, black-oxide finish, without die set or positioning guide	265 x 220 x 50	1,030
624 101 6	014789	Crimp system pliers PEW 12 in a plastic case, chrome-plated, without die set or positioning guide	265 x 220 x 50	1,030

Battery-powered crimping tool E-PEW 12

- For all available crimping formers, positioning guides, wire stops etc. for the PEW 12 crimp system pliers
- Combines the benefits of the hand tool with a (Li-Ion) battery-operated drive system
- Parallel crimping is implemented as a flexible, user-friendly technique
- Cost-effective to run: robust and fault-tolerant plus long periods between maintenance
- Jog mode for precise contact positioning – no over-crimping
- Emergency release and reset function
- Compact design with ergonomic working height and illuminated work area
- Stable positioning at an ergonomic working height
- Low-noise



Art. no. 6370 0100 1

Art. no.	EAN 4049002	Description	↔ mm	⚖ g
6370 0100 1	097126	Crimping tool in a case with 12V/2 Ah battery and EU charger (without die sets or positioning guides)	500 x 420 x 125	4,700
6370 0200 1	097133	Crimping tool in a case with 12 V/2 Ah battery and UK charger (without die sets or positioning guides)	500 x 420 x 125	4,700
6370 0300 1	097140	Crimping tool in a case with 12 V/2 Ah battery and US charger (without die sets or positioning guides)	500 x 420 x 125	4,700
6370 0400 1	097157	Crimping tool in a case with 12 V/2 Ah battery and Australia/Oceania charger (without die sets or positioning guides)	500 x 420 x 125	4,700
6370 0002 0	098369	Li-Ion battery 12V / 2.0 Ah	50 x 55 x 90	180
6370 0004 0	149177	Li-Ion battery 12V / 4.0 Ah	50 x 55 x 90	400
6370 0057 0	105036	Bench mount for E-PEW 12		60

Pneumatic crimping machines CM 25

- Compatible with most die sets and positioning guides for the PEW 12 crimp system pliers
- Compact, maintenance-free bench-top device in various models for a wide range of manufacturing requirements
- Quick and simple retooling makes it suitable for short- and medium-run production
- 360° rotating mount for die sets (not applicable to CM25-5)
- Fine adjustment of crimp height possible with setting nut on press ram
- Hand or foot actuation
- Crimping force 25kN
- Height-adjustable feet



Art. no. 636 025-1

Art. no.	EAN 4049002	Description	Capacity mm ²	↔ mm	⚖ g
636 025-1	034305	Crimping machine CM 25-1 without die sets or positioning guides		325 x 280 x 500	33,500
636 025-5	086885	Crimping machine CM 25-5 with sliding table, without die sets or positioning guides		325 x 280 x 500	33,500
636 025-6	086892	Crimping machine CM 25-6 with stroke height < 6mm, without die sets or positioning guides		325 x 280 x 500	33,500
636 025 0 29	017506	Foot switch for CM 25 crimping machines		240 x 150 x 140	700

Die sets and locators for MC4 solar connectors

Art. no.	EAN 4049002	Contact manufacturer	Capacity	Profile	Connector	Illustration	Field of application				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 570 3 0	034411	Stäubli, for MC4	2.5 mm ² 4.0 mm ² 6.0 mm ²				•	•	•	•	
624 570 0 01	005381		Locator				•	•	•	•	
624 1193 3 0	073137	Stäubli, for MC4	4.0 mm ² 10.0 mm ² 6.0 mm ²				•	•	•*	•	
624 1193 0 01	073113		Locator				•	•	•	•	

* Use of the CM25-1 for a capacity of 10 mm² depends on the cable insulation thickness.

Assembly tool for MC4 solar connectors

- Loosening and tightening, including torque, of the housing screw connections
- Opening the inserted housing lock
- Delivery comprises 2 tools in the set



Art. no. 690 001

Special model crimp system pliers PEW 12 for MC4 EVO 2 solar connectors

- Special model for crimping solar connectors for MC4 EVO 2*
- One- and two-handed operation
- Parallel crimping jaw closing action
- Suitable for pin and socket contacts
- Capacity: 4.0 / 6.0 / 10.0 mm²
- Fully featured tool with die set and locator



Art. no. 625 51332 3 1

Die set and locator for crimping machines CM 25-1/CM 25-5

Art. no.	EAN 4049002	Contact manufacturer	Capacity	Profile	Connector	Illustration	Field of application	
							636 025-1	636 025-5
625 51332 3 01*	148286	Stäubli, for MC4 EVO 2	4.0 mm ² 10.0 mm ² 6.0 mm ²				•••	•
<p>* The crimping solution for MC4 EVO 2 cannot be used with the standard PEW12 crimp system pliers. ** Use of the CM 25-1 for a capacity of 10 mm² depends on the cable insulation thickness.</p>								



Special solution CSC*solar Cutting, stripping and crimping in one tool























Application example for MC4 solar connector, 6 mm²

Art. no.	EAN 4049002	Contact manufacturer	Capacity	Profile	Connector	Illustration	Field of application				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 004 3 0	011245	Stäubli, for MC4	4.0 mm ²				•	•			
624 004 0 01	071232		Locator				•	•			
624 006 3 0	011115	Stäubli, for MC4	6.0 mm ²				•	•			
624 006 0 01	077869		Locator				•	•			

* CSC- Cutting / Stripping / Crimping

Other die sets and locators for solar connectors

Art. no.	EAN 4049002	Contact manufacturer	Capacity	Profile	Connector	Illustration	Field of application				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 071-1 3 0	077814	Wieland	0.14–1.0 mm ² 1.5 mm ² 2.5 mm ² 4.0 mm ²				•	•	•	•	•
624 071 0 016	056741		Locator		•	•	•	•	•		
624 817 3 0	005770	TE Solarlok HVT-C	1.5 mm ² 2.5 mm ² 4.0 mm ² 6.0 mm ²				•	•	•	•	•
624 817 0 01	005763		Locator		•	•	•	•	•		
624 1186 3 0	092121	Tong Ling TL4	4.0 mm ² 6.0 mm ²				•	•	•	•	
624 1186 0 01	073113		Locator		•	•	•	•	•		
624 1194 3 0	016059	Amphenol Helios H4	4.0 mm ² 6.0–10.0 mm ² 2.5 mm ²				•	•	•*	•	
624 1194 0 01	017407		Locator		•	•	•	•	•		
624 1384 3 0	148262	Amphenol UTX-C&F / H4 CF	4.0 mm ² 10.0 mm ² 6.0 mm ² 6.0 mm ²				•	•	•*	•	•
624 1384 0 01	148279		Locator		•	•	•	•	•		

* Use of the CM25-1 for a capacity of 10 mm² depends on the cable insulation thickness.



Cable shears D15

- Cable shears with special cutting edge geometry for an easy, clean cut
- Also meets aerospace standard AS6173/3
- For cutting tin-, nickel- and silver-coated copper conductors in accordance with AS22759 as well as aluminium cables
- Not suitable for steel wire, wire rope or hard-drawn copper conductors
- Ergonomic one-hand operation
- No crushing or deformation of the cable



Art. no. 700 015 36

Art. no.	EAN 4049002	Finish	Ø mm	Cutting capacities mm ²			↔ mm	⚖ g
				●	⊙	⊘		
700 015 3	007668	Black-oxide finish, plastic-coated grips	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	229
700 015 36	007675	Black-oxide finish, reinforced plastic grip	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	264
700 015 6	007682	Chrome-plated, plastic-coated grips	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	229
700 015 66	007699	Chrome-plated, reinforced plastic grip	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	264

Insulation stripper for solar cables

- Special tool with length stop for high-quality, non-destructive stripping of insulation
- Tool use does not depend on the strength of the insulating material
- No crushing or deformation of the cable ends due to patented stripping method
- High-precision shaped blades matched to the respective conductor cross-section
- Stripping blades move back automatically into the initial position
- With ergonomic 2K grips



Art. no. 708 226 3

Art. no.	EAN 4049002	Finish	Field of application	Capacity	Stripping point dimensions	↔ mm	⚖ g	Art. no. of blade	Stripping blades
708 226 3	012617	Black-oxide finish	Pliers for solar cables	1.5 - 6.0 mm ²	Ø 3.9 Ø 3.0 Ø 2.4 Ø 1.9	200	500	708 226 3 0	
708 226 6	026317	Chrome-plated	Pliers for solar cables	1.5 - 6.0 mm ²	Ø 3.9 Ø 3.0 Ø 2.4 Ø 1.9	200	500	708 226 3 0	
708 269 3	011467	Black-oxide finish	Pliers for solar cables	4.0 - 10.0 mm ²	Ø 5.0 Ø 3.9 Ø 3.0	200	500	708 269 3 0	
708 269 6	087394	Chrome-plated	Pliers for solar cables	4.0 - 10.0 mm ²	Ø 5.0 Ø 3.9 Ø 3.0	200	500	708 269 3 0	

Solar connection kits

- Solar kits designed for professional use
- Customised kits for a wide range of solar connector systems



Art. no.	Description	Illustration	Contents										
			Crimping tool PEW 12 624 000 3 - black-oxide finish	Crimping tool PEW 12 624 000 6 - chrome-plated	Insulation stripper for solar cables 708 226 3 - black-oxide finish	Insulation stripper for solar cables 708 269 6 - chrome-plated	Cable shears D15 700 015 36 - black-oxide finish	Cable shears D15 700 015 66 - chrome-plated	Assembly tool for MC4 690 001	Die set for MC4 solar connectors 624 1193 3 0	Locator for MC4 solar connectors 624 1193 0 01		
624 101 3	Crimp system pliers PEW12 in a case		•										
624 101 6	Crimp system pliers PEW12 in a case			•									
624 105-09	Solar kit Basic		•		•			•					
624 105-56	Solar kit Flex		•					•					
624 105-55	Solar kit for MC4 solar connectors			•		•			•	•	•	•	•

Rennsteig Werkzeuge GmbH

An der Koppel 1
98587 Steinbach-Hallenberg
Germany

+49 36847 / 4 41-0
info@rennsteig.com
www.rennsteig.com

