



PVL1300DUAL

PVL1300 with patented DUAL system



PVL1300DUAL is an ergonomic and well balanced battery powered crimp tool with 13 tons force for crimping flexible conductors in demanding applications.

Accessories for the **DUAL** system is presented on the next page. The other accessories for the 1300-system can also be used in the tool.

PVL1300DUAL crimps:

- Cu-conductors up to 300 mm²

The **DUAL** technique is to be used in demanding applications such as a truck, wind turbine or train where the connectors except for electrical properties also shall fulfil demands of corrosion, mechanical strength and vibration.

Particulars

- patented **DUAL** crimp technique for crimping of flexible Cu-conductors according to IEC 60228, class 5, 10-300 mm²
- to be used with Elpress terminals of type KRF/KSF
- can also be used with regular crimp dies for the 1300-system (without **DUAL** function)
- meets the requirements of electrical properties according to IEC 61238:1
- meets the requirements of corrosion according to DIN V 40 046, part 37
- meets the requirements of vibration according to EN 50 155
- meet the requirements of mechanical strength according to SEN 24 50 10

Technical data

- ergonomic design that optimizes the balance of the tool in the users hand
- buzzing signal and flashing light if right pressure is not achieved
- LED lightning for work in dark environments
- possibility to document each crimp for unique service control
- crimp force 124 kN (13 ton)
- crimps/charge: 60-120 depending on size and temperature
- crimp time: 4-12 s depending on size
- working temperature -20°C to +40°C
- environmental friendly battery, Li-Ion Makita, 3.0 Ah, 18V
- battery charger Li-Ion Makita, charging time 22 min
- LED indication of charge status
- supplied with robust plastic case, battery, charger and instruction
- weight 5.4 kg, (incl battery)

8052-059200



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Accessories for crimping flexible Cu conductors in the DUAL Crimp system

DUAL crimp dies

Supplied in pairs.

For crimping of flexible Cu conductors according to IEC60228, class 5, 10-300 mm² in terminals type KRF or connectors type KSF.

No die holders necessary.



Die pair 13DB20

mm ²	Dies	No. of crimps
10	13DB8	1
16	13DB9	1
25	13DB11	1
35	13DB13	1
50	13DB14,5	1
70	13DB17	1
95	13DB20	1
120	13DB22	2
150	13DB25	2
185	13DB27	2
240	13DB30	2
300	13DB32	2

Crimp sequence

The crimp sequence is performed in a two step movement. It starts with an optimized hexagonal crimp which gives an optimal contact against the conductor and no breakage of the conductors strands. Then it makes a small indent crimp in the same crimp cycle which gives 30% better electrical properties and improves corrosion and mechanical properties.

