

## EPZC 300 Battery powered hydraulic press



Battery powered hydraulic press with flip top head for:

- ring terminals without insulation (ZA dies) of 10 ÷ 120 mm<sup>2</sup>
- ring terminals with insulation (ZE dies) of 10 ÷ 120 mm<sup>2</sup>
- cable end-sleeves with and without insulation (ZT dies) of 25 ÷ 185 mm<sup>2</sup>
- Cu tubular terminals and connectors on cable conductors (ZSC dies) of 6 ÷ 300 mm<sup>2</sup>
- Al tubular terminals and connectors on cable conductors (ZSC dies) of 16 ÷ 240 mm<sup>2</sup>
- round forming Al sector conductors (ZF dies) of 16 ÷ 240 mm<sup>2</sup>

Special features:

- automatic off switch ending operation cycle after crimping
- improper crimping signalling
- efficient lithium-ion battery
- automatic pressure control
- flip top, rotatable by 330° head
- casing providing insulation against electric shock is made entirely of glass-fiber reinforced polyamide
- piston rod return is controlled by a control valve
- the device is controlled by microcontroller
- 2 batteries provided with set

Crimping dies (need to be ordered separately)

**NOTE:** for copper terminals over 120 mm<sup>2</sup> use ZSC crimping dies

Weight: 3,8 kg (with battery); Force: 50 kN

Type of die	Terminals and Connectors	Description	Form of crimping
ZA		For Cu ring terminals without insulation of 10 ÷ 120 mm <sup>2</sup> .	
ZE		For Cu terminals and connectors with insulation of 10 ÷ 120 mm <sup>2</sup> .	
ZT		For Cu cable end-sleeves with and without insulation of 25 ÷ 185 mm <sup>2</sup> .	
ZF		Round forming Al sector conductors of 16 ÷ 240 mm <sup>2</sup> .	
ZS		For Cu tubular terminals and connectors of 6 ÷ 300 mm <sup>2</sup> . For Al tubular terminals and connectors of 16 ÷ 240 mm <sup>2</sup> .	

Type of die	Discriminant	Terminals – cross section [mm <sup>2</sup> ]				
		DIN Cu tubular	Others Cu tubular	DIN Al tubular	ARC, ALC Thin-walled Al tubular	ARG, ALG, AFG Thick-walled Al tubular
ZS	6	10	6			
	7		10			
	8	16	16			
	9				16	
	10	25	25		25	
	12	35	35	16;25	35	16
	14	50	50	35	50	25
	16	70	70	50	70	35
	18	95	95	70	95	50
	19		120			
	20	120			120	70
	22	150	150	95;120	150	95
	23		185		185	
	25	185	240	150		120
	28	240		185	240	150
	30		300			185
	32	300		240		

Crimping width of the ZS die for copper and aluminum 7 mm.

■ Basic set ZS\_K8 for the terminals according to DIN - 12 sizes

■ Full set ZS\_K-K7 - 17 sizes

	ZSC only for EPZC	For Cu tubular terminals and connectors of 6 ÷ 300 mm <sup>2</sup> .	
		For Al tubular terminals and connectors of 16 ÷ 240 mm <sup>2</sup> .	

ZSC dies only for battery powered hydraulic press EPZC, for copper tubular terminals and connectors ≥ 120mm<sup>2</sup>.

ZSC only for EPZC	Discriminant from 6 to 19 as in the chart above, from discriminant 20 the chart below				
	20	22	23	25	28
	120	150	185	150	240
	150	150	185	150	240
	185	240	150	185	240
	240	300	185	240	300
	300	300	240		

■ Crimping width of the ZSC die for copper 5 mm

■ Basic set ZSC\_K7 for the terminals according to DIN - 17 sizes

■ Full set ZSC\_K-K14 - 24 sizes