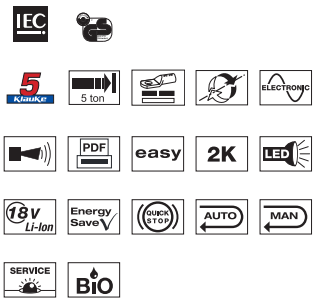
EK 50/5-L Battery powered crimping tool 6 - 240 mm²







NEW



- **High-performance crimping tool of the Klauke mini+ series - very large crimp range up to 240 mm² (tubular cable lugs only)**
- **Increased safety, performance and comfort through "Intelligent Pressing System" (IPS)**
- **Up to 95 mm² just one die for processing of 2 cross sections - only for tubular and compression cable lugs and connectors**

Characteristics

- For interchangeable dies, series 5, narrow crimping
- Closed crimping head, flip top style, rotatable
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals in case of failure
- Evaluation function using optical interface and USB adapter
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings
- Lightweight for effortless operations
- LED for workplace illumination
- High-performance 18V Li-ion battery with high capacity
- High-performance motors for fast crimping cycles and efficient operations
- Energy saving function by stopping motor after successful crimping process
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Multi-function LED for maintenance control, charge level indicator of the battery and for data transmission via USB adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Crimping force	50 kN
Stroke / opening width	12 mm
Crimping range	6 - 240 mm²
Crimping cycle	4 s to 5 s (depending on cross-section)
Number of crimps	approx. 300 at 150 mm² Cu DIN
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	480 x 500 x 360 min.
Weight incl. battery	2.4 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 6 - 240 mm²	**EK505L**

Scope of supply	Part No.	Page
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1	398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1	400
Plastic case	KK50L	

Accessories	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
18 V mains adapter for 240 V Voltage	NG2230	399
USB adapter	PGA1	408
Digital meter for force and pressure measurement	TC1U	406
Measuring adapter, series 5	MA5	406
Force sensor, 70 kN	TF70L	406

Variants	Part No.	Page
EK 50/5-L with crimping die set HR 5 from 6 - 240 mm²	EK505LSETHR	
EK 50/5-L with crimping die set HD 5 from 6 - 185 mm²	EK505LSETHD	
L-BOXX with battery powered hydraulic crimping tool EK505L, 6 - 240 mm²	LBOXXEK505L	

Available dies for Series 5 for EK 50/5-L

Suitable for	Connection material	Crimping range mm²	Crimp profile	Page
Tubular cable lugs and connectors, Cu				
Tubular cable lugs and connectors blue connection for compacted conductors acc. to VDE 0295, class 2		6 - 185		422
Tubular cable lugs and connectors, Cu, standard type		6 - 240		422
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 95		423
Tubular cable lugs and connectors for fine stranded conductors		10 - 50		423
Compression cable lugs and connectors acc. to DIN - Cu				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		6 - 185		423
Terminals, connectors and pin terminals acc. to DIN - Cu				
Solderless terminals (DIN 46234) and pin terminals (DIN 46230)		10 - 50		424
Sleeves for compacted conductors and sector shaped conductors, Cu				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 240 sm		424
Aluminum compression cable lugs and connectors acc. to DIN				
Aluminum compression cable lugs and connectors acc. to DIN		10 - 150		425
Compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182		25 - 95		425
Clamps				
Clamps, C-type		16 - 35		425
Cable end-sleeves				
Cable end-sleeves		10 - 95		425
Twin cable end-sleeves		2 x 4 - 2 x 16		426
Cable end-sleeves, trapezodial, for fine stranded conductors		10 - 95		426
Twin cable end-sleeves, trapezodial, for fine stranded conductors		2 x 4 - 2 x 16		426

Please observe the restrictions in the technical index when crimping connectors!