

EKM 60 ID-L Battery powered crimping tool 10 - 240 mm²

NEW



6 ton



ELECTRONIC



easy

2K



18V Li-Ion



AUTO

MAN



MRS- SERVICE



- ▶ Extra large crimping area due to innovative 2-stage telescopic cylinders (patent pending)
- ▶ Indent crimping - no die changing required
- ▶ Specially developed for fine stranded conductors to VDE 0295 Class 5
- ▶ Compact dimensions with an extraordinary low weight

Characteristics

- With innovative 2-stage telescopic cylinder
- Indent crimping - no dies required
- 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
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Li-Ion battery with high capacity
- High-performance motors for maximum operating speed
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retract in case of need
- Manual retract stop with "teach-in" (MRS+) for positioning control in case of multiple crimpings
- 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	30 - 60 kN
Stroke / opening width	35.5 mm
Crimping range	R-Line: Cu 16 - 240 mm ² / Al 50 - 240 mm ² Q and F-Line: Cu 10 - 240
Crimping cycle	2 s (for ARS) to 7 s (depending on cross-section)
Number of crimps	approx. 100 - 300
Battery voltage	18 V
Battery capacity	1.3 Ah, Li-Ion
Charging time	15 min.
Weight incl. battery	2.5 kg
Ambient temperature	-10°C to +40 °C

Item	Part No.
Battery powered hydraulic crimping tool 10 - 240 mm ²	EKM60IDL
Scope of supply	
Battery 18 V / 1.3 Ah, Li-Ion (23.4 Wh)	RAL1 398
Quick-charger for 18V Li-Ion batteries, 230 V	LGL1 400
L-BOXX with front handle (W/D/H: 442 x 357 x 151 mm)	LBOXX136LFG

Accessories	Part No.	Page
18 V mains adapter for 240 V Voltage	NG2230	399
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	398
USB adapter	PGA1	408

Suitable for	Connection material	Crimping range mm ²	Crimp profile
Tubular cable lugs standard type and tubular cable lugs for switchgear connections		16 - 240	
Tubular cable lugs and connectors for fine stranded conductors		10 - 240	
Terminals (DIN 46234), connectors (DIN 46341) and pin terminals (DIN 46230) - Cu		10 - 240	
Aluminum compression cable lugs and connectors acc. to DIN	Al	50 - 240	
Aluminum compression joints for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm ²	Al	50 - 185	
Aluminum compression joints acc. to DIN 48085, part 2 for Al cables acc. to DIN EN 50182	Al	50 - 240	
Aluminum/copper compression cable lugs and connectors	Al/Cu	50 - 240	