

QUICK AND SAFE WIRING

PROFESSIONAL TOOLS FOR CONTROL CABINET CONSTRUCTION



Save time with no compromise
on quality:
With genuine professional tools,
you work not only much faster,
but also safe in the knowledge that
you can rely on certified safety.

Verbindungen mit **System**
The **Power** of Partnership

Klauke[®]

LS 50 FLEX

Battery powered hydraulic punching tool

The original: Compact and quick

The LS 50 FLEX is not just quick. It was developed for maximum comfort and speed: It is fully re-charged and ready for use in just 22 minutes. Use the LS 50 FLEX for both mild and stainless steel – the space-saving shape and 360° rotating head reaches even tight spots.

The LS 50 FLEX is designed as a professional tool: Compact dimensions, ergonomic design and a balanced centre of gravity simplify work even over long periods; the integrated pressure sensor extends the service life of the hole punch.

Item No.: LS50FLEXCFB (Bosch battery)

Item No.: LS50FLEXCFM (Makita battery)

Professional tools from Klauke, choose a battery from Bosch or Makita to match your tools.



Klauke system solutions: Fast punching with perfectly matched accessories

Speed Punch is the revolutionary punching system with patented threadless punch design: This allows the punch to be simply slid onto the draw stud, thereby preventing it from being cross-threaded.

A sophisticated mechanism ensures a quick and simple fixing of the punch, and the adapted die height means there is no need for an additional spacer: So you work cleanly, precisely and quickly at all times.

Speed hole punch in practical set

Complete system with draw stud, clamp, punch and ISO 16 - 40 dies for steel sheet, plastic and aluminium in a convenient case
Item no.: 52055439SET



Shape diversity



Round, square, special shapes: We have a hole punch in a broad range of sizes for any hole shape you require – simply request our general overview!

EK 50 ML

Electromechanical crimping tool

Guaranteed to be quicker and simpler than your old crimping tool

The Klauke EK 50 ML is the first crimping tool to have a convenient motor support. You easily control all tool functions with just one lever and crimp 0.14 - 50 mm² with a simple die change. So you achieve perfect and reproducible results every time with minimum effort.

Handling is extremely simple: Slight pressure on the lever holds the connector firm (pre-clamping) followed by a full press to complete the cycle - done. Once crimp takes no more than just 1.5 seconds and the powerful battery makes around 300 crimps per battery charge.

Item no.: EK50ML



Convenient power pack

The Klauke EK 50 ML comes in a practical case, including battery, charger and crimping dies for 0.5 - 6 mm² insulated connectors.

Many more dies for cable end-sleeves, spring connectors, insulated connectors, solderless and tubular cable lugs are also available; you can combine these as you like and stow them in the case as well.

An improved crimping tool is also healthier

Almost everyone who has made numerous crimps in succession will often have experienced lasting pain in the wrist and forearm. Before the damage becomes too severe, go for motorised crimping with the Klauke EK 50 ML.



EKM 60 ID

Battery powered crimping tool

The all-rounder crimps 10 - 240 mm² – without dies

It couldn't be simpler: The Klauke EKM 60 ID connects Cu and Al conductors up to 240 mm² – without sleeves and dies. The patented 2-stage telescopic cylinder was developed to crimp the most frequently used cable types quickly and simply: Multi, fine and superfine-stranded conductors; even with compacted conductors, the EKM 60 ID produces a secure connection.

At the touch of a button: The EKM 60 ID crimps for as long as the correct crimp pressure is reached and holds the connection. The indenter then automatically moves back into the position required for the next crimp. For your peace of mind, the tool emits an optical and acoustic warning signal for incorrect crimps; in addition, you can easily create a quality report to certify your installation (via bluetooth & i-press app).

Item No.: EKM60IDCFB (Bosch battery)
Item No.: EKM60IDCFM (Makita battery)



EKM 60/22

Battery powered crimping tool

Ideal for crimps compliant with DIN standards

EKM 60/22 meets all requirements with its extra large crimping range of 6 - 300 mm². The single button operating concept with display for controlling all tool functions and the low overall weight of just 3 kg allows you to work with one hand. For your peace of mind, the tool emits an optical and acoustic warning signal for incorrect crimps. With the matching DIN dies from Klauke, you also meet DIN requirements and can easily create a quality report to certify your installation (via bluetooth & i-press app).

Item No.: EKM6022CFB (Bosch battery)
Item No.: EKM6022CFM (Makita battery)

ESM 50

Battery powered hydraulic cutting tool

Cuts whatever fits!*

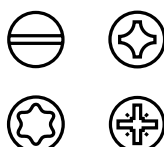
The Klauke ESM 50 cuts both copper and aluminium cables of all standard conductor classes at the touch of a button: The redesigned Klauke ESM 50 cutting head features a unique cut guidance feature. This stabilises the blades during the cutting operation and guarantees a clean and precise cut at all times – even with superfine conductors and small sizes.

It controls all functions of the powerful 2-stage hydraulics very simply and with only one button. With the manual retraction stop and the optional double-click function, you can set the tool to your personal requirement for the task at hand. So you work safely and efficiently at all times.

Item No.: ESM50CFB (Bosch battery)

Item No.: ESM50CFM (Makita battery)

*suitable for multi, fine and superfine Cu and Al conductors to 50 mm dia., as well as for Cu solid conductors to 20 mm dia. and Al solid conductors to 50 mm dia. Also suitable for sector shaped conductors, e.g. NYY-J 3x185 SM/95SM. Not suitable for steel ropes and cables with steel cores.



TORQUE WRENCH

3 practical sets

Easy torque adjustment

Many terminals and receptacles in the control cabinet require an exact torque for a secure connection – with the practical torque wrench sets from Klauke, you always have the right tool to hand: You simply set the torque on the handle, so that it triggers precisely when reached. The practical sets contain all conventional blade types and sizes and are available in three variants for different torque ranges:

Torque wrench sets:
0.6 – 1.5 Nm, Item No.: KL38715
1.5 – 3.0 Nm, Item No.: KL38830
3.0 – 5.4 Nm, Item No.: KL38954



K 301/4 K

Crimping tool for cable end-sleeves and twin cable end-sleeves

Powerful lightweight for 0.14 - 10 mm²

With an extremely ergonomic design and low weight, the Klauke K 301/4K is among the most user-friendly cable end-sleeve hand tools on the market.

Weighing just 350 g, the sophisticated design ensures that you require minimal effort even for 10 mm²; the ergonomically-shaped handle with grip guard makes for extremely comfortable operation.

The square crimp is ideal for terminal connections: The crimp profile automatically adapts to the cable end-sleeve being used and guarantees constant crimp results – so you can work quickly and safely at all times.

Item no.: K3014K

About Klauke

Klauke is the leading system supplier of electrical connectors, tools and test and measuring instruments for the professional electrical engineer. Customers from diverse sectors use the Klauke system and benefit from the worldwide network of Authorised Service Centres (ASC's), as well as the comprehensive range of training and advisory services.

Intelligent certified safety

In control panel construction, the highest standards apply for the safety, quality and reliability of the installations and the products used. Klauke develops and produces connection materials and processing tools itself, thereby guaranteeing a perfectly matched system. Users all over the world rely on the quality of Original Klauke products, which is tested and certified according to international standards.



Personal advice

Test the Klauke system for yourself and find out more about our solutions for the professional electrical engineer:

Make use of our support via phone, e-mail, video chat or arrange an appointment for your personal adviser to meet you on site:

T +49 (0)2191 907-0

E Klauke-Anfragen@Emerson.com

W www.klauke.com/en/electrical/consulting-service/