



KLAUKE ORANGE SAFETY IS A CHOICE WE MAKE. THINK SAFE. ACT SAFE.





MORE SAFETY

For even more safety, Klauke has now developed the world's first battery hydraulic crimping and cutting tools with Tri-Insulation Barrier technology that provides users with 1.000V protection against electrical shocks.

Whether you work as a panel builder or in utilities: Think safe. Act safe. Choose Klauke ORANGE for more safety.

WHY ORANGE?

You frequently work in close proximity of live lines and parts. You cannot take any chances.

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You have ergonomic issues due to use of manual insulated tools. You want to work safe but with faster and more ergonomic tools.

Cables you perceive as not live, can turn out to be live. You want to be protected at all times.

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Working with utility lines presents a series of challenges: Proximity to potentially live parts, limited space and time pressure.

This is why safety and using the right protection equipment are essential when doing this type of work.

With Klauke ORANGE, you can rely on an additional layer of protection, whenever it is not possible to disconnect the circuits or when you may not be aware that you are working on a live circuit.

One panel is not like any other! There are many different possible configurations. Likewise, there are also many different tools that can be used for building a panel.

No matter how many tooling options there are, manual insulated tools are always included in the Electrician's Tool Box... which means that SAFETY truly matters for you, even in a seemingly voltage-free environment.

With Klauke ORANGE you can now rely on even more safety and tool ergonomics, helping you to get the job done easier and safer.



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A power outage needs to handled as fast as possible. You have to fully rely on your tools for the fastest but also the safest operations.

protection.

KlauKe





Live line cutting is one of your safety critical tasks. You have to use safer tools for more



Statistics* show that ignorance of the safety rules is the main reason for accidents. You know that use of safer tooling can make the difference.

*Source: BG ETEM

TRI-INSULATION BARRIER

The Patent-Pending Tri-Insulation Barrier Technology provides protection against 1000V Electrical Shocks The integrated Slip-off protection prevents accidental contact with live parts.

The Klauke ORANGE battery hydraulic Cutting- and Crimp Tools are VDE-approved in accordance to IEC 60900 and fully VDE-certified to IEC 62841-1.



VOLTAGE-FREE AREA



1000V AC

1500V DC

CREEPAGE DISTANCE

CLEVER DESIGN ENSURES MINIMUM 12.5MM DISTANCE **BETWEEN NON INSULATED** PARTS



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PLASTIC HOUSING MATERIAL WITH EXCELLENT **INSULATING PROPERTIES**



HYDRAULIC OIL WITH HIGH DIELECTRIC INSULATING PROPERTY



Klauke

MORE EFFICIENCY

Klauke ORANGE brings together the best of the two worlds: 1.000V Safety of manual insulated tools and the Speed, Ergonomics and Efficiency of Klauke battery hydraulic tools allowing you to work safe and fast without requiring excessive hand force.

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THE ORANGE LINE-UP

Klauke offers a wide range of 1000V Insulated ORANGE tools for MORE SAFETY, EFFICIENCY AND ERGONOMICS on the jobsite.



CRIMPING TOOL WITH LARGE CRIMPING RANGE

EKM6022ISM VDE battery powered hydraulic crimping tool 6 - 300 mm²

- All types of connectors
- K22 Series: Widest range of crimp dies and profiles. incl. for cable pre-rounding & crimping of C- & H-Clamps
- Fast consecutive crimping with ARS
- 75% faster operation
- 3.1 KG

DIE-LESS CRIMPING TOOL WITH INDENT CRIMP

EKM60IDISM VDE battery-powered hydraulic crimping tool 10 - 240 mm²

- All standard type Al/Cu lugs
- XL crimp area with patented telescopic 2-stage design & special multilayer- indent
- 75% faster crimping with MRS+
- 2,6 kg





SUITABLE FOR ALL **CABLE CLASSES**

ESM35ISM VDE battery powered hydraulic cutting tool 35 mm dia.

- All types of Cu/Al cable incl. superfine stranded & light-armored cable
- Scissor style cutting head for easy cable access

2,9 kg

CUTTING TOOL WITH INTERCHANGEABLE BLADES

ESM25ISM VDE battery powered hydraulic cutting tool 25 mm dia.

- ACSR; class 1 solid Cu/Al; stay wire
- Special blade guide and field replaceable blades
- 2,9 kg

LARGE **CUTTING RANGE**

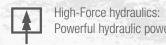
ESM50ISM VDE battery powered hydraulic cutting tool 54 mm dia.

- All Cu/Al cable incl. super-fine stranded & light-armored cable
- Special blade guide for straight and safer cable cutting

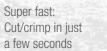
■ 3,1 kg



Klauke equipment features: Applies to all **ORANGE** tools



Ē τ) Powerful hydraulic power



Full flexibility thanks to the infinite swivel head

360°



Minimum size, light weight, best ergonomics, no fatigue

Full control: Automatic and manual retraction



Integrated LCD display: For tool settings and important information



HANDY OVERHEAD LINE CUTTING TOOL

ES20ISM VDE battery-powered hydraulic cutting tool 20 mm dia.

- ACSR; class 1 solid Cu/Al; laminated Cu busbars
- Extra slim cutter head ideal for confined spaces
- 2,1 kg



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PERFECT CABLE CUTTING TOOL FOR CONFINED SPACE WORK

ES32ISM VDE Battery-powered hydraulic cutting tool 32 mm dia.

- Class 1 (solid) and class 2 (multi-stranded) Cu/Al cable
- Slim cutting head: ideal when space is critical











Pressure sensor: For safe and reliable operation



Makita LI-ION technology with extreme fast charging





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