

Klauke®



KLAUKE ORANGE

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

Klauke.com



 **1000V AC**
1500V DC

 **Cable Services** Group
Powering the World

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.



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.



WHY ORANGE?



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



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.**



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



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



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.

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.

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.

1

CREEPAGE DISTANCE

CLEVER DESIGN ENSURES MINIMUM 12.5MM DISTANCE BETWEEN NON INSULATED PARTS

2

PA6 INSULATION

PLASTIC HOUSING MATERIAL WITH EXCELLENT INSULATING PROPERTIES

3

DIELECTRIC OIL

HYDRAULIC OIL WITH HIGH DIELECTRIC INSULATING PROPERTY

VOLTAGE-FREE AREA

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. super-fine 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



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



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
- 2,1 kg



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



High-Force hydraulics:
Powerful hydraulic power



Super fast:
Cut/crimp in just
a few seconds



Full flexibility thanks
to the infinite
swivel head



Minimum size,
light weight,
best ergonomics,
no fatigue



Full control:
Automatic and
manual retraction



Integrated LCD display:
For tool settings and
important information



Pressure sensor:
For safe and reliable
operation



Makita LI-ION technology
with extreme fast charging



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