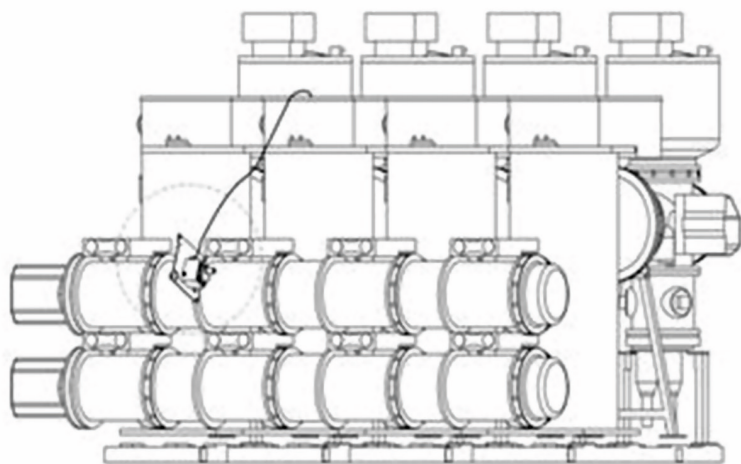


Portable emergency pump

For operating mechanisms with hydraulic energy transfer



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01 Example: ELK-
04 mounting

The portable emergency pump consists of 3 high- and low-pressure connections, so that a charging of up to three operating mechanisms is possible. This is especially beneficial for single-phase operated circuit breaker.

Because the mounting plate includes a number of bores, the portable emergency pump can be installed in several positions, thus, no additional operating personal is needed. It can be mounted directly to the operating mechanism, to the frame mounting of the GIS or to the flange housing.

A comfortable charging via electric screwdriver is possible due to the included bit. By this charging times are significantly reduced.

Safety aspects

The portable emergency pump is equipped with an internal bursting disk, which triggers in case of a malfunction and protects the operating personal.

Additionally, all operating mechanisms with hydraulic energy transfer are protected from overcharging by a mechanical controlled relief valve. If the maximum stroke is reached, the mechanical connection to the energy storage will open the relief valve. Due to this, the high pressure system will be connected with the low pressure system internally, which leads

The portable emergency pump for operating mechanisms allows a manual charging of the circuit breaker operating mechanism - especially when the power supply has failed temporarily or when the oil pump of the operating mechanism has any malfunction. Through this manual operation, the energy storage can be charged until a safe OPEN operation is possible.

to a temporary hydraulic short circuit. The portable emergency pump is in accordance with actual EU-directives and is labeled with the CE-symbol.

Scope of delivery

- Charging unit
- High and low pressure hoses
- Adapter pieces for connection of all mechanism types
- Mounting plate for installation
- Hand crank (incl. extension)
- Mounting parts
- Bits for cordless screwdriver
 - Optional: 1 litre /5 litres hydraulic oil

Mounting positions of the portable emergency pump for operating mechanisms

- Mounting at GIS frame
- Flange connection at GIS type ELK-04 (see figure 1)
- Directly at the operating mechanism (AHMA-4/-8 and HMB-4/-8)

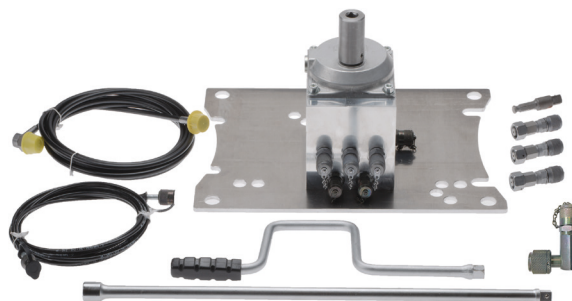
Your benefit at a glance

- Simple handling
- Easy installation via mounting plate
- Charging via electric screwdriver is possible
- Up to 3 operating mechanisms can be recharged simultaneously (for single-phased operated circuit breaker)
- Can be used for all operating mechanisms with hydraulic energy transfer

Transport box of the portable emergency pump 02



Portable emergency pump and accessories 03



To get more information, install QR code reader on your mobile device, scan the code and see more.

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