

Safety cutting equipment

Hydraulic safety life line cable cutter

used for working under voltage acc. to VDE 0105, part 100.



Consisting of:

- Hydraulic shear with high pressure hose of 10 m, with leak-free coupling system and earth harness acc. to EN 50340
- Double piston pump mounted on foot-pedal, with foot-operated switch
- Transport case
- Fully operational and filled with special oil

According to VDE 0105 Part 1 Para. 9.6.4 the cable cutter 216416 is used for cutting low and medium voltage cables up to 60 KV AC. If a live wire is cut by accident, the operator is not in any danger.

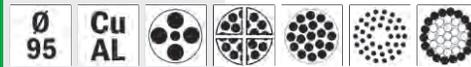
The 10 m long high pressure hydraulic hose, which connects the pump to the cutting head, guarantees the highest standard of safety due to its special insulating features. The cutting process is controlled by watching the manometer attached to the pump, since, in general, the cutting head cannot be seen when a cable is cut. This process has been tested repeatedly at medium voltage, with live wires and continuing main supply.

The cutting range goes up to 85 mm. The 12 mm cutting blades are made of high yield point steel and are polished, thus wear- and tear-resistant. A strongly dimensioned guidance of the blades guarantees a high degree of mechanical stability. Even in the event of a short circuit, a safe cutting of the wires is guaranteed, since the individual blades overlap by approx. 20 mm. The blades open themselves when pressure is reduced. The high pressure hose bursts at 2700 bar. The pressure relief safety system of the pump has been adjusted at a 625 bar level.



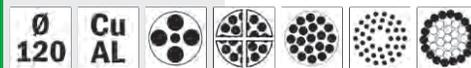
Art. no.	Ø	NP	kg	PU
216417	85	625	32,000	1

Hydraulic safety life line cable cutter



Art. no.	Ø	NP	kg	PU
216421	95	625	33,000	1

Hydraulic safety life line cable cutter



Art. no.	Ø	NP	kg	PU
216416	120	625	36,600	1
216416/850	120	850	36,600	1



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