ACCIDENTAL CUTTING OF LIVE CABLES

When cutting cables, operator safety depends on the reliable verification of line tension status, although it is not always possible to be certain.

CUTTING UNITS

CP1086-W-1000-kV
CP1096-W-1000-kV
CP1120-W-1000-kV

Provide operator protection when cutting cables with nominal tension up to 30 kV and maximum diameter of 120 mm.

These complete insulated units have been developed to provide protection against accidental short-circuit when cutting live Copper or Aluminium cables of nominal tension up to 30 kV in accordance with DIN VDE 0105 Part 1 (07.83), Paragraph 9.6.4.
Each complete unit comprises a cutting head, connected by a non-conductive hose, to an hydraulic foot pump and bears the GS mark and Approval no. 04246, having been tested by the appropriate German authority, in accordance with the procedures for testing cable cutting equipment in GS-ET-23 and EN 50340.

Each unit consists of:

- Cutting head
- Two stage foot pump with safety valve
- Flexible hydraulic hose (10 m length)
- Earthing points on both pump and head
- Metallic storage case type VAL CP096-W

Optional accessories:

- EK100 earth cable for the pump (1 m length)
- EK500P earth cable for the head (5 m length) with earth rod and canvas bag

TECHNICAL DATA

- Maximum cutting diameter:
  - CP1086-W-1000-kV: 85 mm
  - CP1096-W-1000-kV: 95 mm
  - CP1120-W-1000-kV: 120 mm

- Maximum working pressure: 625 bar

- Weight:
  - CP1086-W-1000-kV: 16.6 kg
  - CP1096-W-1000-kV: 19.0 kg
  - CP1120-W-1000-kV: 20.2 kg

DIMENSIONS mm

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Pump</th>
<th>Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 1086-W-1000-kV</td>
<td>680x200x163</td>
<td>405x143</td>
</tr>
<tr>
<td>CP 1096-W-1000-kV</td>
<td>680x200x163</td>
<td>407x245</td>
</tr>
<tr>
<td>CP 1120-W-1000-kV</td>
<td>680x200x163</td>
<td>556x185</td>
</tr>
</tbody>
</table>

STORAGE CASE

<table>
<thead>
<tr>
<th>Type</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAL CP096-W</td>
<td>785x430x175</td>
<td>12.6 kg</td>
</tr>
</tbody>
</table>

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