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1) Maximum length of CT
2) Maximum allowed torque (tension) on outer terminal: 250 Nm
3) If bushing are mounted on seismic exposed equipment, it is recommended to use tensioning screws with minimum diameter M27 and property class 8.8 acc.to EN-ISO 898-1 on bushing flange.
4) Sealing surface Ø749 to Ø854

### Bushing Data:

- **Rated Voltage**: 850 kV
- **Nominal System Voltage**: 765 kV
- **Rated current line to ground voltage**: 485 kV
- **Dry Lightning Impulse**: 2250 kV
- **Wet Switching Impulse**: 1500 kV
- **Wet leakage frequency AC**: 74 kV
- **Wet test with dry 50/60Hz**: 970 kV
- **Wet Current**: 2000 A
- **Creepage distance, minimum**: 1660 mm
- **Max cantilever operating load on vertical mounting**: 3.2/720 kN/lbf
- **Max cantilever test load**: 7.5/1690 kN/lbf
- **Mass, Bushing (Preliminary)**: 2020 kg
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### Ordering Data:

<table>
<thead>
<tr>
<th>BUSING</th>
<th>1ZSC027771-445</th>
<th>Voltage by Kit</th>
<th>Composite</th>
</tr>
</thead>
<tbody>
<tr>
<td>OUTER TERMINAL</td>
<td>1ZSC004322-BA</td>
<td>H2 (mm)</td>
<td>0,100 (mm)</td>
</tr>
<tr>
<td>6 x (6x)</td>
<td>1ZSC027771-ABD</td>
<td>Epoxy insulated</td>
<td></td>
</tr>
<tr>
<td>6 x (6x)</td>
<td>1ZSC027771-ABE</td>
<td>Insulated with 6 mm pressboard</td>
<td></td>
</tr>
</tbody>
</table>

### End Shield

- **1ZSC027771-ABD**: Epoxy insulated
- **1ZSC027771-ABE**: Insulated with 6 mm pressboard

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