Application

• Connects two or more 630 A bolted tee connectors for use as a separable cable joint or for connection of multiple cables to an apparatus bushing.
• For system voltages (Um) of 24 kV and 36 kV.
• Continuous current 630 A (900 A overload for 8 hours).
• For indoor and outdoor installation.

Features

• Provides a fully screened and fully submersible connection when mated with tee connectors.
• Copper current carrying parts.
• Moulded EPDM insulation.
• Moulded semi-conductive EPDM collar maintains screen continuity.
• 100% factory tested.

Standards

• Interfaces meet the requirements of IEC 60502-4 and CENELEC HD 629.1 S2.

Quality

• Manufacturing facility is registered to ISO-9001 by third party audit.
• Routine Tests.
• X-Ray Audit of random samples.

Installation

• Threaded connections mate with the clamping screw of the tee connectors.
• A 10 mm hex key and torque wrench are required for installation.
• Typical arrangements and dimensions are shown on the following pages.

Packaging

• Complete kit includes installation instructions and silicone lubricant.

Ordering information

For 24 kV applications, specify DPC400.
For 36 kV applications, specify DPC436.
Table 1. Electrical Ratings

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>DPC400</th>
<th>DPC436</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum System Voltage (U_{mb})</td>
<td>24 kV</td>
<td>36 kV</td>
</tr>
<tr>
<td>Partial Discharge Extinction (&lt;3 pC)*</td>
<td>20 kV</td>
<td>30 kV</td>
</tr>
<tr>
<td>Impulse Withstand</td>
<td>125 kV</td>
<td>170 kV</td>
</tr>
<tr>
<td>AC Withstand*</td>
<td>54 kV</td>
<td>81 kV</td>
</tr>
<tr>
<td>Continuous Current</td>
<td>630 A</td>
<td>630 A</td>
</tr>
<tr>
<td>Overload (8 hrs.)</td>
<td>900 A</td>
<td>900 A</td>
</tr>
<tr>
<td>Short Circuit Withstand, 1 sec (rms sym)</td>
<td>35 kA</td>
<td>35 kA</td>
</tr>
</tbody>
</table>

* Denotes routine tests on 100% of production.