SLS Series
Single Phase Disconnector

SLS single insulator disconnector (isolator) is designed to be used on overhead distribution systems in a totally exposed environment and can be used as a mechanical switching device which provides an isolating distance in open position. The SLS Series design provides positive latching to prevent accidental opening due to faults, line vibration, wind or other environmental influences. The straight fixed contact blades ensure smooth, low effort operation and reduce wear on contact plating. The hinged-end moving blade ensures moving contacts alignment and proper engagement.

Key Features

- Rated Voltage 24 kV and 36 kV.
- Rated current: 630 and 800 A,
- Porcelain or silicon rubber insulators up to 170 kV BIL.
- Designed and tested in accordance with AS1306-1985 Standard
- Positive latching to prevent accidental opening due to faults, line vibration, wind or other environmental influences.
- Flexible mounting options (underslung, 30°)
- Range of accessories such as arc horn, cable connector, load break interrupter, earth bolt and earth stirrup available
- Corrosion resistant hot-dip galvanized and Stainless steel 316 ferrous components - durable in harsh environment
- Silver plated copper contacts
- Bright tin plated terminal palms suitable for use with connectors, copper and aluminum compression lugs.
- Locally manufactured and supported
- Short Lead times

Mounting Configuration

The SLS series disconnector is provided with a bracket to allow mounting: 30° and underslung mounting.
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Technical Data

<table>
<thead>
<tr>
<th></th>
<th>KV</th>
<th>12/24</th>
<th>36</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Voltage</td>
<td>Amp</td>
<td>630 / 800</td>
<td>630 / 800</td>
</tr>
<tr>
<td>Rated Continuous Current</td>
<td>Hz</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Rated Frequency</td>
<td>kV</td>
<td>150</td>
<td>170</td>
</tr>
<tr>
<td>Basic Insulation Level (BIL)</td>
<td>mm</td>
<td>460</td>
<td>670</td>
</tr>
<tr>
<td>Insulator material</td>
<td></td>
<td>Porcelain</td>
<td>Silicon Rubber</td>
</tr>
<tr>
<td>Creepage</td>
<td></td>
<td>660</td>
<td>750</td>
</tr>
<tr>
<td>Rated Short-time Withstand Current (1 sec.)</td>
<td>kA</td>
<td>25 (630 Amp units)</td>
<td>16 (800 Amp units)</td>
</tr>
<tr>
<td>Rated peak withstand current</td>
<td>kA</td>
<td>62.5 (630 Amp units)</td>
<td>40 (800 Amp units)</td>
</tr>
</tbody>
</table>

Accessories

SLS unit completed with - Standoff Insulator - Arc-horn - Cable Connector

SLS unit completed with - Load Break Interrupter

SLS unit completed with - Earth Stirrup

SLS unit completed with - Earth Bolt

For more information please contact:

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