Copper Grounding Switch Type LH-6

Southern States Type LH-6 grounding switch offers an economical, versatile, and maintenance-free solution for outdoor, substation class applications and may be used in a single pole or group operated multi-pole arrangement with or without an associated disconnect switch. Typically, a conventional push-pull operating pipe system allows the grounding switch to be opened or closed either with a manual or motor drive.

**BENEFITS**

- Blades can be furnished to open parallel or perpendicular to the base
- Poles can be mounted in horizontal upright or vertical position
- Simple installation procedures regardless of configuration
- Mechanical interlocks used to ensure personnel and equipment safety

**SPECIFICATIONS**

- **Maximum Voltage Rating**
  - 15.5 kV – 145 kV
- **Short Time Current**
  - 38 kA
- **Peak Current**
  - 99 kA
LH-6
Copper Grounding Switch

RATINGS

<table>
<thead>
<tr>
<th>Maximum Voltate (kV)</th>
<th>BIL (kV)</th>
<th>Short TimeCurrent* (kA)</th>
<th>Peak Current (kA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.5</td>
<td>110</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>200</td>
<td>38</td>
<td>99</td>
</tr>
<tr>
<td>48.3</td>
<td>250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>72.5</td>
<td>350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>123</td>
<td>550</td>
<td></td>
<td></td>
</tr>
<tr>
<td>145</td>
<td>650</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Duration of 3 seconds.

KEY FEATURES

- Reverse loop, copper-to-copper contacts furnished on jaw end
- Flexible tinned copper braids for current transfer at blade hinge
- Formed copper tube blade tip
- Counterweight or counterbalance supplied when needed

Additional Accessories

- Mechanical interlock
- Electrical interlock
- Kirk key interlock
- Key interlock adapter
- Auxiliary switch
- Manual swing handle operator
- Manual gear operator
- Motor gear operator