Aluminum Grounding Switch Type AST

Southern States Type AST grounding switch offers an economical, versatile, and maintenance-free solution for 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 manually, with either a swing handle or gear drive.

- 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**
  - 123 kV – 245 kV
- **Momentary Current Rating**
  - 70 kA & 100 kA
AST
Aluminum Grounding Switch

**KEY FEATURES**

- High conductivity aluminum blade
- Reverse loop, silver-to-silver jaw contacts
- Copper blade tip
- Silver-to-copper hinge current transfer
- 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

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**RATINGS**

<table>
<thead>
<tr>
<th>Maximum Voltate (kV)</th>
<th>BIL (kV)</th>
<th>Momentary Current Rating (kA*)</th>
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<tbody>
<tr>
<td>123</td>
<td>550</td>
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<tr>
<td>145</td>
<td>650</td>
<td>70 &amp; 100</td>
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<td>750</td>
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<tr>
<td>245</td>
<td>900</td>
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* 10 Cycle RMS Asymmetrical Rating