



# EVG-1

## Aluminum Grounding Switch

### Aluminum Grounding Switch Type EVG-1

Southern States Type EVG-1 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 or torsional operating pipe system allows the switch to be opened or closed with either 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, underhung, 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 – 550 kV

**Momentary Current Rating**

61 kA, 70 kA, 80 kA, 100 kA, & 120 kA

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## RATINGS

Maximum Voltate (kV)	BIL (kV)	Momentary Current Rating (kA*)
15.5	110	61, 70, 80, 100, & 120
38	150	
48.3	250	
72.5	350	
123	550	
145	650	
170	750	
245	900	
245/362	1050	
362	1300	
550	1550	
550	1800	

\* 10 Cycle RMS Asymmetrical Rating

## KEY FEATURES

- Aluminum blade
- Reverse loop, silver-to-silver contacts on both the jaw and hinge ends
- Stainless steel coil springs back up the contact fingers
- Tinned-bronze casting blade tip attached to blade
- 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