



TV-70

Aluminum Grounding Switch

Aluminum Grounding Switch Type TV-70

Southern States Type TV-70 grounding switch offers an economical, versatile, and maintenance-free solution for outdoor, substation class applications. 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

- Double motion hinge reduces operating effort, locking the blade tip into the jaw for superior fault duty performance
- Single pole or group operated multi-pole arrangement with or without an associated air disconnect switch
- Blades can be furnished to open parallel or perpendicular to the base
- Maintenance free

SPECIFICATIONS

Maximum Voltage Rating

123 kV – 800 kV

Short Time Current

75 kA

Peak Current

195 kA

TV-70

Aluminum Grounding Switch

RATINGS

Maximum Voltate (kV)	BIL (kV)	Short Time Current* (kA)	Peak Current (kA)
123	550	75	195
145	650		
170	750		
245	900		
245/362	1050		
362	1300		
550	1550		
550	1800		
800	2050		

* Duration of 3 seconds.

KEY FEATURES

- Low pressure copper jaw contacts
- Hinge current transfer by tinned copper braided shunt
- Aluminum blade
- Copper blade tip
- Torsional counter balance spring

Additional Accessories

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

