



## ESD-63

Grounding Switch

### Grounding Switch Type ESD-63

Southern States type ESD-63 grounding switch offers an economical, versatile and maintenance-free design for use on substation class, outdoor air disconnect switches. Available in group operated and stand alone configurations, its unique design requires minimal operating effort while also ensuring maximum fault withstand capabilities.

#### BENEFITS

- Torsional drive single motion requires low operating effort
- Available in group operated and stand alone configurations
- Blade guides ensure proper blade tip entry
- Long low pressure contacts require less operating effort than “slam style” switches

#### SPECIFICATIONS

##### Maximum Voltage Rating

72.5 kV – 245 kV

##### Short Time Current

63 kA, 3 sec

##### Peak Withstand Current

164 kA

**ESD-63**

Grounding Switch

## RATINGS

Maximum Voltage (kV)	BIL (kV)	Short Time Current* (kA)	Peak Current (kA)
72.5	350	63	164
123	550		
145	650		
170	750		
245	900		

## KEY FEATURES

- Welded assembly blade that clamps to interphase rod and includes set screws
- Hinge current transfer by tinned copper braided shunt
- Jaw is provided with a fixed rigid support directly to the insulator
- Tapered blade tip spreads the spring loaded female contact until fully seated
- Consistent and controlled torsional drive motion
- Perpendicular and parallel designs available

**Additional Accessories**

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

