



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

38 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)
38	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

