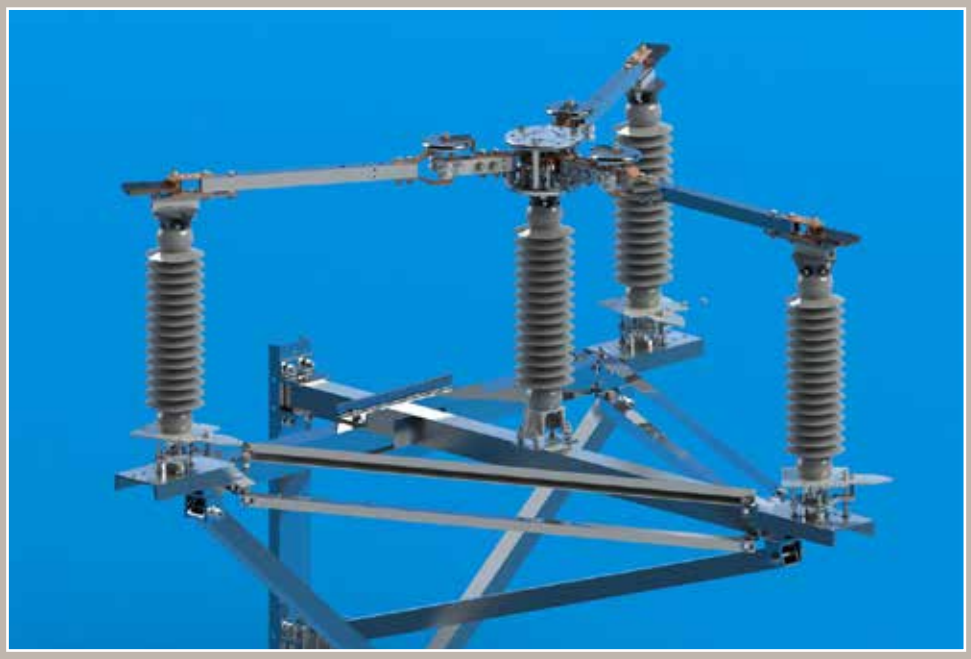
Southern States
The Quality Name in High Voltage Switching

CATALOG FLYER



ES-1

Pole Mounted Transmission Line Switch

The Industry's broadest line of Disconnect Switch offerings expands again.

In response to a market need for a reliable, low operating effort transmission class single side break switch; particularly for applications such as pole mounted phase-over-phase and phase-opposite-phase; Southern States introduces the ES-1 aluminum single side break switch.

FEATURES

- Unique blade design with jaw end pivot produces very low operating effort
- Does not require slam-in action to seat contacts; allowing the use of a manual gear crank operator if desired in lieu of a manual swing handle
- Available in 1, 2 or 3 way configurations
- Shipped assembled for fast and easy installation
- Has the ability to have a whip or LLS® (load break) attachment

Visit our product demo for more details

SPECIFICATIONS

Maximum Voltage Ratings
72.5 kV – 145 kV

Continuous Current Rating
1200 A, 2000 A

ES-1

Pole Mounted Transmission Line Switch

RATINGS			
Maximum Voltage Rating (kV)	72.5	123	145
BIL (kV)	350	550	650
Rated Power Frequency	60 Hz		
Continuous Current	1200 A		2000 A
Short-Time Symmetrical Withstand (3 Sec)	38 kA RMS		63 kA RMS
Peak Withstand	99 kA		164 kA
Ambient Temperature Rating	-40ºC to +50º Standard -50ºC Optional		

CHARACTERISTICS & BENEFITS

- Jaw guide stop assures proper contact seating during the closing operation and when fully closed
- Does not require dual speed motor operator to properly seat contacts in the fully closed position
- Can be outfitted with standard arcing horns, whip type arcing horns, loop splitting interrupters and load break interrupters depending upon the required duty
- Square blade construction for maximum rigidity and current carrying surface area
- 4 hole NEMA tin plated copper terminal pads
- Maintenance free bearings
- Collapsible frame reduces shipping footprint and allows for maximum factory assembly
- Smart TAP® solution available. It provides fault finding logic to sectionalize faulted lines and quickly restore power to unfaulted areas

Applications

- Line disconnecting
- Line sectionalizing
- Isolation
- Bypassing
- Line dropping
- Cable dropping
- Magnetizing current interrupting
- Loop splitting
- Long line dropping

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