



EV-2

Aluminum Vertical
Disconnect Switch

Get Maximum Reliability with Low Operating Effort.

Widely popular Southern States EV-2 aluminum vertical break switch with its simple design concept suits most all applications. Its long lasting and low operating effort will reduce maintenance costs for any of your disconnect switch applications.

BENEFITS

- Meets all ANSI standards
- Easily accommodates full load break devices and other accessories
- Good for over 2000 operations
- Easy and fast installation and adjustment
- Maintenance free, long lasting and low operating effort
- Higher terminal pad loading allowing for long bus length

SPECIFICATIONS

Maximum Voltage Rating

15.5 kV – 362 kV

Continuous Current Rating

1200 A – 4000 A

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RATINGS

Maximum Voltage Rating (kV)									
15.5	27	38	48.3	72.5	123	145	170	245	362
BIL (kV)									
110	150	200	250	350	550	650	750	900/ 1050	1050/ 1300

ADDITIONAL RATINGS

Rated Power Frequency	60 Hz	
Continuous Current	1200 A - 3000 A	4000 A
Short-Time Symmetrical Withstand (3 Sec)	63 kA RMS	80 kA RMS
Peak Withstand	164 kA	208 kA
Ambient Temperature Rating	-40°C to +50° Standard -50°C Optional	

KEY FEATURES

- Silver to silver jaw end contacts using two different silver alloys
- Spring loaded threaded hinge end current interchange
- Terminal pads aluminum extrusion construction makes it very strong and rigid without use of castings for support
- Three-sided terminal pads allow multiple conductor terminations
- Sealed and permanently lubricated double row ball bearings
- Standard, custom or multiple mounting arrangements available
- Double channel construction above 69 kV; single channel construction below 115 kV