



RDA-V

Aluminum Double End
Break Vee Switch

The Industry's premiere double end break switch in its most compact configuration becomes even more capable.

Southern States RDA, the "big brother" to Southern States RDA-1 double end break switch, is also available in a more compact version, the RDA-V, at an astounding 5000 A continuous current carrying capability. The RDA-V shares the same live parts as the conventional base length RDA, but the RDA-V can fit on center break Vee switch style structures and on vertical break switch phase spacing, resulting in the smallest space consumption switch design available in the marketplace today.

BENEFITS

- Meets all ANSI standards
- Allows the most simple structure designs
- Maximum versatility (upright, vertical, or underhung mounting)
- Low profile. Requires minimum overhead clearance

SPECIFICATIONS

Maximum Voltage Rating

123 kV – 362 kV

Continuous Current Rating

5000 A

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RATINGS

Maximum Voltage Rating (kV)	123	145	170	245	362
BIL (kV)	550	650	750	900/ 1050	1050/ 1300
Rated Power Frequency	60 Hz				
Continuous Current	5000 A				
Short-Time Symmetrical Withstand (3 Sec)	80 kA RMS				
Peak Withstand	208 kA				
Ambient Temperature Rating	-40°C to +50° Standard -50°C Optional				

KEY FEATURES



- Aluminum live part construction
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- 4 hole NEMA unplated aluminum terminal pads
- Maintenance free bearings
- Tubular base designs
- Slant jaw end insulator version also available
- Consumes the least amount of substation space of any switch design
- Can be furnished with a wide variety of accessories



Additional Applications

- Line disconnecting
- Line sectionalizing
- Isolation of other substation equipments (circuit breakers, circuit switchers, power transformers, etc)
- Bypassing other substation equipment
- Bus tie positions
- Line dropping/bus dropping/cable dropping/magnetizing current interrupting (when furnished with appropriate arcing horns)