



RDA-V

Aluminum Double End
Break Vee Switch

The Industry's Premiere Double End Break Switch in its Most Compact Design

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 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 available)
- 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				

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)