



## RDA-1V

Aluminum Double End  
Break Vee Switch

### The Industry's premiere double end break switch in its most compact configuration.

Southern States RDA-1, long recognized as the industry's leading double end break switch, is also available in a more compact version, the RDA-1V. The RDA-1V shares the same live parts as the conventional base length RDA-1, but the RDA-1V 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**

1200 A - 4000 A

# RDA-1V

Aluminum Double End  
Break Vee Switch



## 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	1200 A	2000 A	3000 A - 4000 A		
Short-Time Symmetrical Withstand (3 Sec)	38 kA RMS	63 kA RMS	80 kA RMS		
Peak Withstand	99 kA	164 kA	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
- Consumes the least amount of substation space of any switch design
- Can be furnished with a wide variety of accessories
- Available as the integral isolation component of Southern States CSV-DB Circuit Switcher

## 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)