



RDA Heavy Duty

Aluminum Double End
Break Switch

The Industry's premiere double end break switch becomes even more capable.

Southern States RDA, the "big brother" to Southern States RDA-1 double end break switch, is now available at an astounding 5000 Ampere continuous current capability. The RDA's significant current carrying capability coupled with its superior ice breaking one make it robust beyond question. The RDA is available for all air break switch applications.

BENEFITS

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

SPECIFICATIONS

Maximum Voltage Rating

38 kV – 800 kV

Continuous Current Rating

2000 A - 5000 A

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RATINGS

Maximum Voltage Rating (kV)	123	145	170	245	362	550	800
BIL (kV)	550	650	750	900/ 1050	1050/ 1300	1550/ 1800	2050
Rated Power Frequency	60 Hz						
Continuous Current	5000 A					2000 A - 4000 A	2000 A
Short-Time Symmetrical Withstand (3 sec)	80 kA RMS					63 kA RMS	63 kA RMS
Peak Withstand	208 kA					164 kA	164 kA
Ambient Temperature Range	-40°C to +50° Standard -50°C Optional						

KEY FEATURES

- Aluminum live part construction with special shielding
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- 4 hole NEMA terminal pads
- Maintenance free bearings
- Single channel, double channel, and tubular pipe base designs
- 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)
- Heavy ice
- Heavy termination loads

