Southern States
The Quality Name in High Voltage Switching

CATALOG FLYER

RDA

Heavy Duty
Aluminum Double End Break Switch

The Industry's Premiere Double End Break Disconnect Switch

Southern States RDA, the "big brother" to Southern States RDA-1 double end break switch, is availabe up to 5000 Ampere continuous current capability. The RDA's significant current carrying capability coupled with its superior ice breaking one make it one of the most robust designs available on the market. The RDA is available for all air break swith applications.

BENEFITS

- Heavy duty, robust design for special applications
- Ideal for applications prone to ice formations or high fault currents
- Minimal phase spacing & overhead clearance requirements
- Meets all ANSI standards
- Maximum reliability & trouble free-service
- Maximum versatility (upright, vertical, or underhung mounting available)

SPECIFICATIONS

Maximum Voltage Rating
123 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 - 5000 A	2000 A
Short-Time Symmetrical With-stand (3 sec)	80 kA RMS					63 kA - 75 kA RMS	63 kA RMS
Peak Withstand	208 kA					164 kA - 195 kA	164 kA

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

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