



RDA-1

Aluminum Double End
Break Switch

The Industry's premiere double end break switch.

Long recognized as the premiere double end break switch in the industry, the RDA-1 has been the backbone of many utilities' systems for over 35 years. Consistently delivering uncompromising performance under even the harshest of conditions, the RDA-1 sets the standard for double end break switches. The RDA-1 is available for all air break switch applications.

BENEFITS

- Meets all ANSI standards
- Maximum reliability, it will give many years of dependable, trouble free-service
- Maximum versatility (upright, vertical, or underhung mounting)

SPECIFICATIONS

Maximum Voltage Rating

38 kV – 362 kV

Continuous Current Rating

1200 A - 4000 A

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RATINGS

Maximum Voltage Rating (kV)							
38	48.3	72.5	123	145	170	245	362
BIL (kV)							
200	250	350	550	650	750	900/ 1050	1050/ 1300

ADDITIONAL RATINGS

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
- 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)