



## RDA-1

Aluminum Double End  
Break Switch

### The Industry's Premiere Double End Break Disconnect 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 decades. Consistently delivering uncompromising performance under even the harshest of conditions, the RDA-1 sets the standard by offering optimal performance in applications prone to ice formations as well as high fault currents due to its rotating blade design and reverse loop contacts. The RDA-1 is available for all air break switch applications.

#### BENEFITS

- 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**

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/<br>1050 | 1050/<br>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<br>RMS | 63 kA<br>RMS | 80 kA<br>RMS    |
| Peak Withstand                           | 99 kA        | 164 kA       | 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
- 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)