



EC-2

Aluminum Center
Break Switch

The Southern States center break product family expands again.

Southern States introduces aluminum center break switch EC-2 which features an aluminum shunt hinge design. It improves reliability and customer value at higher continuous current.

BENEFITS

- Meets all ANSI standards
- Maintenance free bearings
- Suitable for horizontal upright, vertical, or underhung mounting at most ratings
- Easy and fast installation and adjustment
- Aluminum shunt welds are completely sealed ensuring every lamination is welded into the current path

SPECIFICATIONS

Maximum Voltage Rating

38 kV – 362 kV

Continuous Current Rating

3000 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	3000 A	4000 A	
Short-Time Symmetrical Withstand (3 Sec)	63 kA RMS	63 kA RMS	75 kA RMS
Peak Withstand	164 kA	164 kA	195 kA
Ambient Temperature Rating	-40°C to +50° Standard -50°C Optional		

KEY FEATURES

- Aluminum live part construction with silver to silver contacts
- Round blade construction for maximum rigidity and current carrying surface area
- Two 4-hole and one 6-hole NEMA unplated aluminum terminal pads standard
- Double channel base designs
- Can be operated with either a manual (swing handle or worm gear) or Southern States type VM-1 motor operator
- Available 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)