



CVB-2

Copper Vertical
Break Switch

The CVB-2 copper live parts vertical break disconnect switch joins the Southern States product family.

An end rotating insulator, 2000 A continuous current rated, copper live parts vertical break switch, the CVB-2, has now joined the expanding Southern States disconnect switch product family. The CVB-2 is suitable for all air break applications.

BENEFITS

- Meets all ANSI standards
- Maximum versatility (upright, vertical, or underhung mounting)
- It operates with either a manual operator or a Southern States type VM-1 motor operator

SPECIFICATIONS

Maximum Voltage Rating

15.5 kV – 245 kV

Continuous Current Rating

2000 A

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RATINGS

Maximum Voltage Rating (kV)								
15.5	27	38	48.3	72.5	123	145	170	245
BIL (kV)								
110	150	200	250	350	550	650	750	900/ 1050

ADDITIONAL RATINGS

Rated Power Frequency	60 Hz
Continuous Current	2000 A
Short-Time Symmetrical Withstand (3 Sec)	63 kA RMS
Peak Withstand	164 kA
Ambient Temperature Rating	-40°C to +50° Standard -50°C Optional

KEY FEATURES

- Copper live part construction
- Sealed, threaded hinge current transfer
- 4 hole NEMA tin plated copper terminal pads
- Maintenance free bearings
- Single channel or double channel base designs
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- Slant jaw end insulator version also available
- 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
- Magnetizing current interrupting (when furnished with appropriate arcing horns)
- Load breaking/loop splitting/line dropping/bus dropping/cable dropping (when furnished with appropriate arcing horns or interrupters)