



LBI™

Single Gap Vacuum Interrupter
38 kV - 72.5 kV

Innovative Vacuum Interrupter Design Ensures Maximum Reliability

The Southern States LBI™ (Load Break Interrupter) will convert existing group operated, vertical break and side break disconnect switches to a Load Break disconnect capable of interrupting load, loop splitting, and line dropping currents within a single gap vacuum interrupter. Concerns about splitting the interruption across multiple devices are eliminated by removing the need for linkage components. Contact factory for compatibility with other manufacturers' switch offerings.

BENEFITS

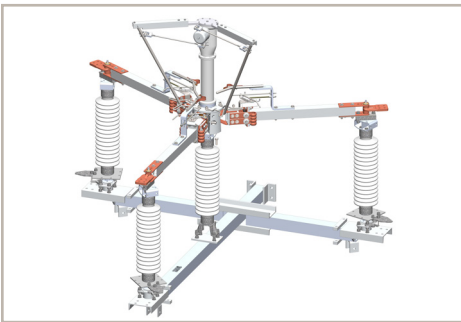
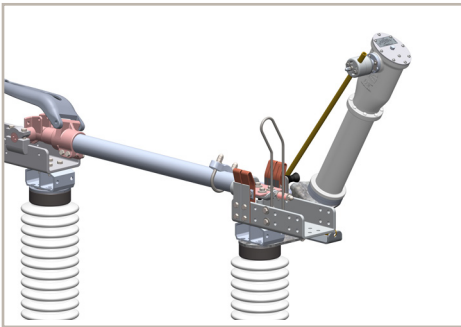
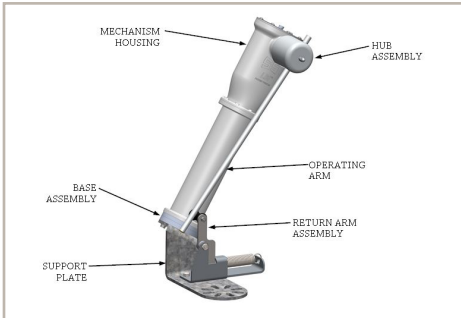
- Single gap interruption through 72.5kV
- No greenhouse gases used for interruption
- UV resistant PET housing
- Full power tests on complete assembly
- Minimum maintenance
- High mechanical reliability
- Single bottle design reduces complexity and points of failure

SPECIFICATIONS

- Maximum Voltage Rating
38 kV – 72.5 kV
- Load Break Rating
1200 A - 2000 A
- Loop Splitting Rating
2000 A
- Line Dropping Rating
70 A

LBI™

Single Gap
Vacuum Interrupter
38 kV - 72.5 kV



RATINGS

Maximum Voltage Rating	38 kV	48.3 kV	72.5 kV
Load Breaking Capability	2000 A		
Loop Splitting Capability	2000 A		
Line Dropping Capability	70 A		

KEY FEATURES

- Single gap interrupter through 72.5kV
- PET interrupter housing minimizes device's weight and does not break down or track under the UV rays of the sun
- Can be mounted on substation and transmission vertical break and side break switches as well as on transmission multi-way switches
- Limited linkage components increases reliability
- Low operating effort
- Interruption takes place within a sealed vacuum chamber, meaning no green-house gasses are used.