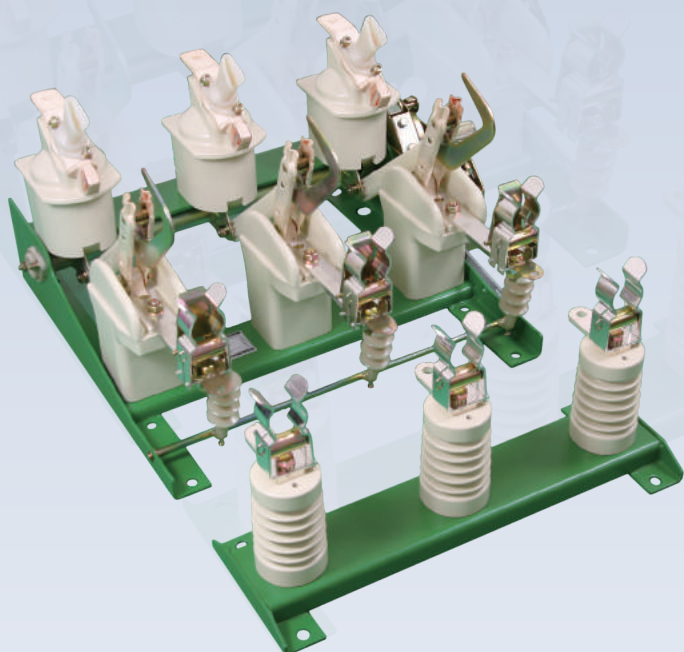


Load Break Switch

This load break switch applies to a 7.2–24 kV electric power system, indoors, for breaking the rated load current, the transformer magnetizing current, and the cable charging current. It provides a full range of protection. It also includes a power fuse to protect from fault current.



Specifications

Characteristics

- Hard-drawn copper blade, featuring silver clad contact surfaces on both sides, is utilized for continuous current carrying.
- Arc compressor provides blowing wind from nozzle when the LBS tripping.
- Close open mechanism requires no adjustments. It closes or opens swiftly, positively, independently of handle operation speed or motor rotary speed, and locks. Its positive action contributes to LBS ability to achieve fast interruption and two-time duty-cycle fault-closing ratings.
- Epoxy insulators provide sufficient clearance distances from the base.
- Arc conducting blade, it makes earlier and open latter than copper blade to protect the melting of copper blade.
- Fuse tripping paddle, after power fuse element is melted, the striker of power fuse trip the paddle to open the LBS immediately. It makes sure the circuit should not operate in a single phase and there is no energy in any phase after one line fault or two line short circuit faults. This not only protects your power equipment, but it also provides the operator a safe working environment.
- Fuse base is separated from LBS base. The fix position can be adjusted

Type		JW12-630		JW24-630
Rated voltage (kV)		12		24
Max. operate voltage (kV)		13.8		25.8
Rated current (A)		630		400/ 630
Short circuit-making current (peak) (kA)		31.5	50	31.5
Peak withstand current (kA)		31.5	50	31.5
Short time current 1 sec (kA)		12.5	20	12.5
Power frequency withstand voltage (kV/1min)	To earth and between poles	28	42	50
	Across isolating distance	35	48	60
Impulse withstand voltage (kV/1.2x50μs)	To earth and between poles	75		125
	Across isolating distance	80	85	145
Operating angle on the shaft		120°		
Pole distance (mm)		150	210	275