

ABS

**ABS**  
**PRODUCTS**

**Air Break Switchgear Products Pvt. Ltd.**



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**DESIGN ■ MANUFACTURE ■ TESTING ■ SUPPLY ■ INSTALLATION**



## AIR BREAK SWITCHES

### Two Pole:



### Three Pole:



**Range:** From 11kv 100Amps to 36kv 800Amps. Suitable for vertical and horizontal mounting. With either Post or Solid core Insulators. Suitable for Short time current up to 25 KA 3Seconds as per IS / IEC Standards.

## DROP OUT FUSES

### Fuse Cutouts:



**Range:** From 11kv 100Amps to 24kv 200Amps. Suitable for vertical mounting.

## TESTING FACILITY



Insulation Break Down Test - 5 KV.



Current Injector for Heat Run Test Up to 2500 Amp.

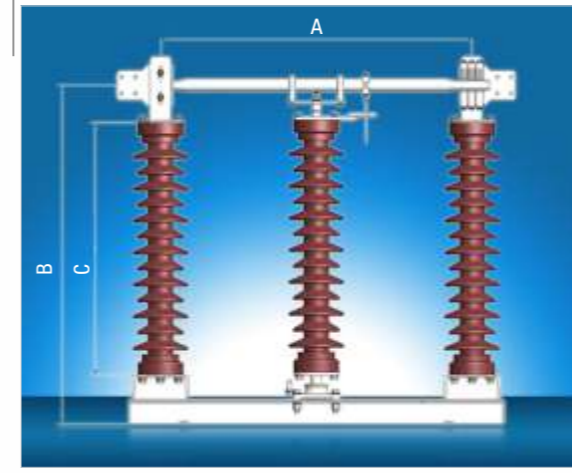


Contact Resistance Measurement Kit in Micro Ohms.



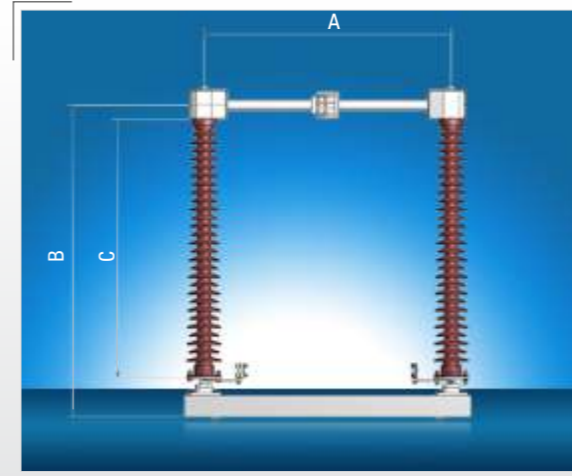
Power Frequency Test Up to 200 KVrms.

## HORIZONTAL DOUBLE BREAK ISOLATOR



Main Dimension (mm)			Rated Voltage	Rated Current	Rated Short time Current	Rated impulse withstand Voltage 1.2/50µs	
A	B	C				KV	kVp
600	314	154	12	400 to 1250	25	75	85
800	678	508	24 / 36	400 to 1250	25	170	195
1100	965	770	72.5	630 to 1600	25 / 31.5	350	375
1600	1915	1500	145	1250 to 2000	31.5 / 40	650	750
2600	2715	2300	245	1250 to 2500	40	1050	1200

## HORIZONTAL CENTER BREAK ISOLATOR



Main Dimension (mm)			Rated Voltage	Rated Current	Rated Short time Current	Rated impulse withstand Voltage 1.2/50µs	
A	B	C				KV	kVp
1100	965	770	72.5	630 to 1600	25 / 31.5	350	375
1600	1915	1500	145	1250 to 2000	31.5 / 40	650	750
2600	2715	2300	245	1250 to 2500	40	1050	1200

### Silent Features:

- Designed for outdoor installation considering Seismic and Terminal Loads.
- Heavy duty life time lubricated bearings.
- Reliable Turn and Twist / Banging Type with self wiping action (Double Break Isolators).
- Terminal Arrangement for both Vertical and Horizontal Take off.
- User Friendly Gang Operation for all 3 phases with Single operating mechanism.
- Manual/ Motor – Local & Remote Operated Switches.
- Provision for integral Single and Double earth switch with Electrical and Mechanical Interlocks.

***Innovative and High quality product to meet customer's niche requirements is the benchmark for our product design.***