

**GURANTEED TECHNICAL PARTICULARS FOR 11 KV VACUUM  
INTERRUPTER**

<b>Sl. No.</b>	<b>SPECIFICATION OF VACUUM INTERRUPTER</b>	<b>UNITS</b>	<b>GURANTEED PARAMETERS</b>
1	<b>Rated line to line voltage (50Hz)</b>	KV rms	
2	<b>Rated normal current</b>	Amps	
3	<b>Rated short circuit breaking current</b>	KA rms	
4	<b>Rated peak short circuit making current</b>	KA peak	
5	<b>Rated peak withstand current</b>	KA peak	
6	<b>Rated short time withstand current (3 sec)</b>	KA rms	
7	<b>Single Capacitor Breaking current capability</b>	Arms	
8	<b>Rated operating sequence</b>	Sec	
	<b>Rated Insulation level</b>		
9	<b>Rated power frequency withstand voltage-1 min</b>	KV rms	
10	<b>Rated lightning impulse withstand voltage</b>	KV peak	
	<b>Thermal Data</b>		
11	<b>Resistance at min. closing force (new condition)</b>	Micro ohms	
12	<b>Max. temperature at movable stem (terminal)</b>	C	
	<b>Electrical Life:</b>		
13	<b>At rated normal current</b>	operations	
14	<b>At rated short circuit current</b>	operations	
	<b>Mechanical Data:</b>		
15	<b>Contact stroke</b>	mm	
16	<b>Max. over travel</b>	mm	
17	<b>Average opening speed (0 to 60% stroke)</b>	m/s	
18	<b>Average closing (40% to contact making)</b>	ms	
19	<b>Maximum closing bounce duration</b>	ms	
20	<b>Min. closing force including force due to bellows and atmosphere</b>	kg	
21	<b>Max. closing force including force due to bellows and atmosphere</b>	kg	
22	<b>Closing force due to bellows and atmosphere</b>	kg±10%	
23	<b>Force required to hold contact open at full stroke</b>	kg±10%	
24	<b>Mass of moving contact</b>	kg	
25	<b>Mass of interrupter</b>	kg	
26	<b>Contact Erosion</b>	mm	
27	<b>Mechanical</b>	operations	