



**TECHNICAL DATA SHEET**

SI.No	Description	Technical Parameters			
1	Description of the Switchgear	Magnetically Actuated Breakers			
2	Standards followed in design, manufacture and testing	IEC 62271-100			
3	Type Designation	<b>MACTOR-1208/25</b>	<b>MACTOR-1212/25</b>	<b>MACTOR-3608/20</b>	<b>MACTOR-3612/20</b>
4	Rated System Voltage	12kV	12kV	36kV	36kV
5	Rated continuous Current	800A	1250A	800A	1250A
	Single bank Capacitive Breaking current				
6	System Frequency	50Hz	50Hz	50Hz	50Hz
7	One minute Power Frequency Voltage withstand level	28kVrms	28kVrms	70kVrms	70kVrms
8	1.2/50micro-second Impulse Voltage withstand level	75kVp	75kVp	170kV Peak	170kV Peak
9	Interrupter	Vacuum	Vacuum	Vacuum	Vacuum
10	No. of Poles	3	3	3	3
11	Rated short time withstand current	25kA / 3 Sec	25kA / 3 Sec	20kA / 3 Sec	20kA / 3 Sec
12	Rated short circuit breaking capacity	25kA rms	25kA rms	20kArms	20kArms
13	Rated short circuit making capacity	62.5kAp	62.5kAp	50kAp	50kAp
14	Approximate Breaker Weight	110kgs	130kgs	215kgs	250kgs
15	Termination suitable for	ACSR Conductors / XLPE Cable jumpers			
16	Type of operating mechanism	Magnetic Actuator Mechanism			
17	Installation	Outdoor structure mounted VCBs			
18	Degree of protection	Outdoor Type: IP:55			
19	Paint type and shade	Powder Painting to Shade: RAL 7032			