



TECHNICAL DATA SHEET

Sl.No	Description	Technical Parameters			Technical Parameters		
1	Description of the Switchgear	Porcelain clad structure mounted VCBs			Pole / Frame mounted Auto-Reclosers		
2	Standards followed in design, manufacture and testing	IEC 62271-100			IEC 62271-111 / ANSI C37-60		
3	Type Designation	MSP-12.08.13	MSP-12.16.25	MSP-36.16.25	ACE VMO-12	ACE VMO-15	ACE VMO-36
4	Rated System Voltage	12kV	12kV	36kV	12kV	17.2kV	36kV
5	Rated continuous Current	800A	1600A	1600A	630A	630A	800A
	Single bank Capacitive Breaking current						
6	System Frequency	50Hz	50Hz	50Hz	50Hz	60Hz	50Hz
7	One minute Power Frequency Voltage withstand level	28kVrms	28kVrms	70kVrms	28kVrms	50kVrms	70kVrms
8	1.2/50micro-second Impulse Voltage withstand level	75kVp	75kVp	170kVp	75kVp	110kVp	170kVp
9	Interrupter	Vacuum	Vacuum	Vacuum	SF6	SF6	SF6 insulated VCB
10	No. of Poles	3	3	3	3	3	3
11	Rated short time withstand current	13.1kA / 3 Sec	25kA / 3 Sec	25kA / 3 Sec	12.5kA / 3 Sec	12.5kA / 3 Sec	16kA / 3 Sec
12	Rated short circuit breaking capacity	13.1kA rms	25kA rms	25kA rms	12.5kA rms	12.5kA rms	16kA rms
13	Rated short circuit making capacity	32.5kAp	62.5kAp	62.5kAp	31.25kAp	31.25kAp	40kAp
14	Approximate Breaker Weight	360kgs	420kgs	620kgs	140kgs	180kgs	240kgs
15	Termination suitable for	ACSR Conductors / XLPE Cable jumpers			ACSR Conductors / XLPE Cable jumpers		
16	Type of operating mechanism	Motorized Spring charged (or) Magnetic Actuator			Magnetic Actuator Mechanism		
17	Installation	Outdoor structure mounted VCBs			Outdoor Pole / Structure mounted		
18	Degree of protection	Outdoor Type: IP:55		Outdoor IP:65	Outdoor Type: IP:55		
19	Paint type and shade	Powder Painting to Shade: RAL 7032			Natural Stainless Steel		