



TECHNICAL DATA SHEET FOR AUTO-RE ClosERS - VMO Series

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