



TECHNICAL DATA SHEET

SI.No	Description	Technical Parameters	
1	Description of the Switchgear	Vacuum Contactor Units (VCU)	
2	Standards followed in design, manufacture and testing	IEC: 60470 / IEC: 62271-200/1	
3	Type Designation	MHVC 630	MHVC 630
4	Rated System Voltage	7.2kV	12kV
5	Rated continuous Current	400A	630A
6	Single bank Capacitor Breaking current	400A	400A
7	System Frequency	50Hz	50Hz
8	One minute Power Frequency Voltage withstand level	20kVrms	28kVrms
9	1.2/50micro-second Impulse Voltage withstand level	60kVp	75kVp
10	Interrupter	Vacuum	Vacuum
11	No. of Poles	3	3
12	Rated short time withstand current	8800A / 1 Sec	10000A / 3 Sec
13	Breaking capacity	3200A	5040A
14	Rated short circuit making capacity	4000A	6300A
15	Approximate Breaker Weight	125kgs	150kgs
16	Termination suitable for	Rigid Bus-Bar take offs	Rigid Bus-Bar take offs
17	Type of operating mechanism	Electro-magnetic	Electro-magnetic
18	Installation	Panel mounting	Panel mounting
19	Degree of protection	Indoor / Outdoor - based on Panel construction	
20	Paint type and shade	Powder painted RAL7032 / Yellow Passivated steel	