



TECHNICAL DATA SHEET - METAL CLAD VCBs – Vaman Series

SI.No	Description	Technical Parameters	
1	Description of the Switchgear	Metal clad Fixed type VCBs	
2	Standards followed in design, manufacture and testing	IEC 62271-100	
3	Panel Type Designation	VAMAN 1208/25-4	VAMAN 3608/25-6
4	Rated System Voltage	12kV	36kV
5	Rated Continuous Bus-Bar Current	800A	800A
6	Nominal System Voltage & Frequency	11kV, 50Hz	33kV, 50Hz
7	One minute Power Frequency Voltage withstand level	35kVrms	70kVrms
8	1.2/50micro-second Impulse Voltage withstand level	75kV Peak	170kV Peak
9	Insulation	Air	Air
10	Breaker Type Designation	Not applicable	Not applicable
11	Rated continuous Current carrying capacity	800A	800A
12	No. of Poles	3	3
13	Rated short time withstand current	25kA / 3 Sec	25kA / 3 Sec
14	Rated short circuit breaking capacity	25kA rms	25kA rms
15	Rated short circuit making capacity	62.5kAp	62.5kAp
16	Overall Dimensions in millimetres	(W x D x H)	(W x D x H)
	a) Indoor type Panels	450 x 1000 x 2100	650 x 1200 x 2100
	b) Outdoor type Panels	450 x 1150 x 2250	650 x 1150 x 2300
17	Approx. Panel Weight	650 kgs	980 kgs
18	Cable Termination Incoming & Outgoing	Bottom / top Cable Entry or Busduct	
19	Type of operating mechanism	Motorized Spring charged (or) Actuator	Magnetic
20	Installation	Indoor & Outdoor types available	
21	Degree of protection	Indoor Type: IP 4X / Outdoor Type: IP:55	
22	Paint type and shade	Powder Painting to Shade: RAL 7032	