

**GUARANTEED TECHNICAL PARTICULARS - 11KV CUBICLE**

1	CUBICLE TYPE	SAF - T -11
2	STANDARDS APPLICABLE	IEC 62271-200
3	APPLICATION	Indoor / OUTDOOR
4	CONSTRUCTION TYPE	Metal Clad (LSC2B)
5	DEGREE OF PROTECTION	
	a) For enclosure	IP – 4X - INDOOR / IP 55 - OUTDOOR
	b) Within the cubicle	IP – 2X - INDOOR / IP 55 - OUTDOOR
5	Cubicle provided with service and test position for C. B.	Yes
6	Cubicle door can be closed with C.B in both position C. B. in service or test position	Yes
7	Voltage Ratings	
a	Rated voltage & frequency	12kV, 50Hz
b	Power frequency withstand voltage for 1 min.	28kV, RMS
c	Impulse withstand voltage 1.2/50 micro-second wave	75kV Peak
8	Current Ratings	
	Rated normal current	630A,800A,1250 A, 1600 A, 2000A,2500A, 3150A
	Rated short time current	20kA-3sec/26.3kA-3sec / 31.5kA-3sec/40kA-3sec
	Rated dynamic withstand current	50kAp/65.7kAp/78.7kAp/100kAp
9	Temperature rise for rated continuous current	
a	Reference ambient temperature	50*c as per IS 3427
b	Temperature rise over reference ambient	As per IEC 62271-1
10	BusbarS	
a	Material and Grade	Cu – ETP Al.91E-WP
b	Reference Standard Flat Busbars	IS: 613 IS : 5082
11	Control Wiring	
a	Size and Type	Flexible PVC insulated 1.5 sq. mm for control circuit and 2.5 sq. mm for CT circuits
b	Insulation	2kV, 50Hz for 1 min
c	Voltage Class	11000 / 33000 V
12	Approximate weight with Circuit Breaker	800-1000 Kgs.
14	Cubicle Dimension Multi panel Board	
	Width	600mm,750mm,800mm,1000mm - INDOOR / 800mm,1000mm - OUTDOOR
	Height	2336mm - INDOOR / 2300mm,2500mm - OUTDOOR
	Depth	1500mm,1900mm - INDOOR / 1500mm,1800mm- OUTDOOR



ABB Limited