

TECHNICAL & GUARANTEED - PARTICULARS.

12 KV 5 KA Distribution Class L.A.

Name of manufacturer:

1.	Type	
2.	Model	
3.	No.of Units	
4.	Rated voltage (KV) RMS.	12
5.	Nominal Discharge current (K Amps.)	5
6.	Discharge Class	Distribution Class.
7.	Reference Current (MA)	1
8.	Reference voltate (KV)	> rated voltage
9.	Current at MCOV.	
	i) Resistive current IR (Micro Amps)	< 0.3 MA.
	ii)Capacitive current IC (- do-)	About 1.0 MA
10.	Protective ratio.	1.78
11.	Maximum residual voltage for discharge Current of 8/ 20 micro sec. Wave at.	
	i) 0.5 time the nominal discharge current(KV Peak)	40
	ii) 1 time -do- (KV rms).	42
	iii)2 times -do- (KV rms)	48
12.	Maximum continous operative voltage (KV rms)	12
13.	High Current impulse withstand(KA)	65
14.	Energy dissipation capability (KJ/KV)	
15.	Insulation withstand.	
	i) Lightning Impulse (KV Peak)	75
	ii)P.F. Dry/ Wet (KV rms)	28
16.	Temporary over voltage withstand Capability (KV Peak)	
	i) At 0.1 second	19
	ii) At 2 Seconds	17.5
	iii) At 10 Seconds	15.5
	iv)At 100 Seconds	14
17.	Maximum radio interference voltage (KV rms) / partial discharge.	PD=Less than 50 PC.
18.	Maximum step current impulse Residential voltage at nominal Discharge current of 1 micro sec.front time(KV Peak).	40
19.	Maximum switching impulse residual Voltage at 50 x 100 micro sec.wave at 500 Amp. (KV Peak)	
20.	Height of complete unit (mm)	250 + <u>15</u>
21.	Maximum recommended spacing between Arrestor centre to centre(mm)	450
22.	Clearance required from ground equipment To various heights of arrestor unit(mm)	
23.	Earthign arrangement.	To be provided
24.	Mounting falange dimensional details (mm)	As per your sketch.
25.	Total crrepage distance (mm)	360
26.	Weight of complete unit(kg.)	3.2 (Approx.)