

TECHNICAL SPECIFICATIONS

Ref. Standard : IEC 99-4

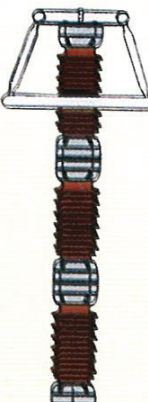
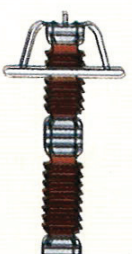
Max. System voltage	kV	420	245	145	72.5	36	72.5	36	12	12
System BIL	kVp	1425	1050	650	325	170	325	170	75	75
Arrester rated voltage	kV	390	198	120	60	30	60	30	10	9
Max. Continuous operating voltage(MCOV)	kV	303	168	102	52	25	52	25	7.6	7.6
Nominal Discharge current (NDC)	kAp	10	10	10	10	10	10	10	10	5
Line Discharge class		4	3	3	3	3	2	2	2	Dist.
High current withstand	kAp	100	100	100	100	100	100	100	100	65
Max. Residual Voltage:- at NDC Lightning Current	kVp	900	550	350	165	84	175	90	30	33
at 1KAP switching Current	kVp	780	450	290	136	70	142	73	25	-
Temp.Overvoltage Capability for 10sec	kVp	584	353	222	105	52	105	52	17.5	14
Creepage	mm	10500	6125	3625	1800	900	1800	900	300	300
Weight(approx.)	Kg	570	225	130	85	60	50	30	25	2.8
Height(approx.)	mm	4811	2860	1660	1060	800	1075	750	590	310
PCD for mounting holes	mm	480	368	305	305	305	300	300	300	Pole mounted
No. of mounting holes		4	4	3	3	3	3	3	3	
Grading ring requirement		Yes	Yes	No	No	No	No	No	No	No
Arrester - General Arrangement										

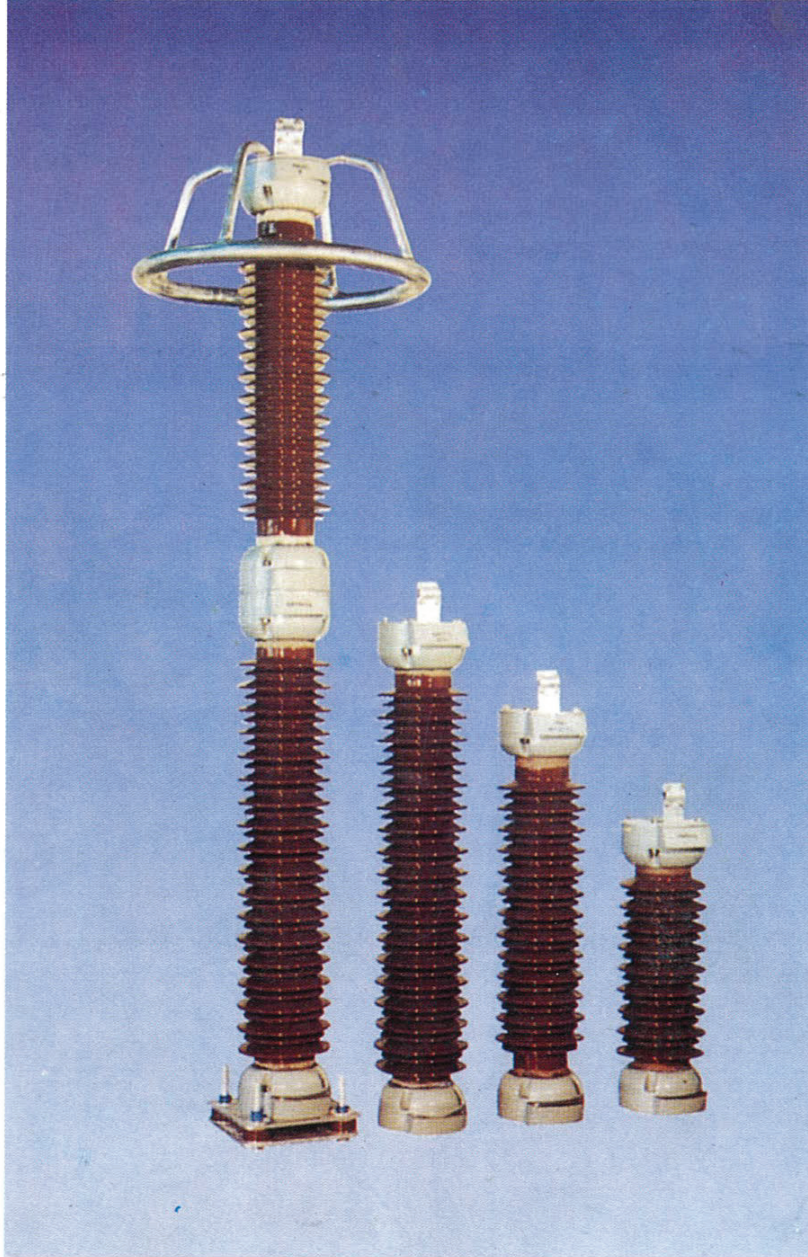
Table 3

Note : Above data is suitable for arresters designed/operation under following conditions :-

- 1) 1000 mtr. altitude (Max.)
- 2) Ambient temp. at -10°C to 50°C (average)
- 3) Pollution level (heavily polluted environment) with creepage 25mm/kV

4) Max. wind speed of 55mtrs./sec

5) Seismic levels at 0.3 g horizontal & 0.15 g vertical.
Above figures are ref. figures & are subject to change due to continuous improvement. Any applications not covered above can also be met.



Gap Less

ZINC OXIDE SURGE ARRESTERS