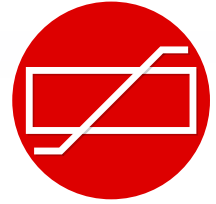


Transmission Line Arrester

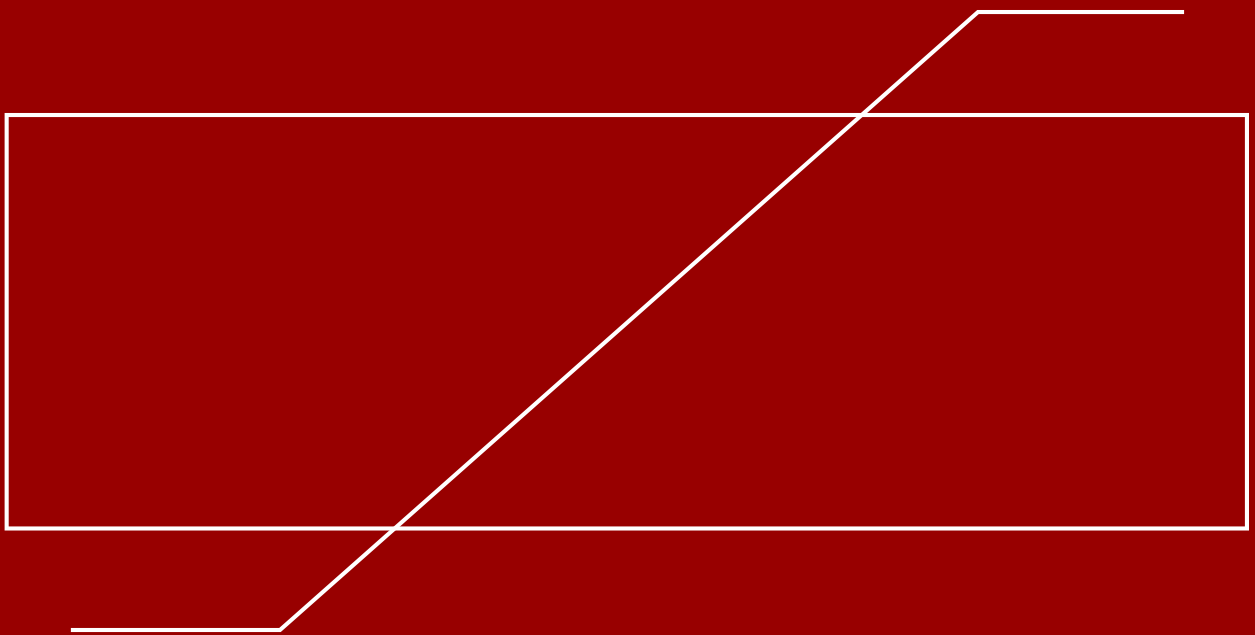


OBLUM
50 YEARS OF EXCELLENCE

Pioneering Cutting-Edge Solutions for Tomorrow



Powering Progress for Over Half a Century: We've been at the forefront of electrical polymer surge arresters manufacturing, continuously innovating for 50+ years, delivering solutions that energize the world.





Global Presence

Oblum business operations are present in multiple geographies across the globe. We are committed to our vision of driving positive change in the environment and in the lives of people.



Transmission Line Arrester (108kv)

S No	Description	108kV 10kA SL (TLA)
	Model	PBC
1	Highest system voltage kV rms	145
2	Nominal system voltage kVrms	110
3	Ur –Rated voltage kVrms	108
4	Uc –MCOV(kVrms)	86.4
5	In –NDC (8/20µs) kA	10
6	Arrester classification	Station Low duty
7	Qrs(IEC 99-4 Ed.3) in coulomb	1
8	Wth (IEC 99-4 Ed.3) in kJ/kV	4
9	Qth (IEC 99-4 Ed.3) in coulomb	
10	Max RDV kVp	
	a)5kA	270
	b)10kA	288
	c)20kA	306
11	Max. Switch. Imp. R.V.(kVp)	
	a)500A	230
	b)1000A	
	c) 2000A	
12	Max. Steep Current impulse RDV(kVp) at NDC	306
13	High current impulse withstand value (4/10 µs) kA	100
14	TOV (kVp)	
	i. 0.1	190
	ii.1.0Sec	183
	iii. 10.0Sec	175
	iv. 100.0Sec	167
15	Short circuit current kA	40
16	Insulation Withstand	
	a)Lightning Impulse (kVp)	As per IEC 60099-4 2014
	b)Power frequency kVrms	As per IEC 60099-4 2014
	c)Switching Imp (Wet)(kVp)	NA
17	Rated frequency (Hz)	48 to 62
18	Leakage current	
	a.IR at MCOV in µA	Less than 400
	b. IC at MCOV in mA	About 1.2
19	Reference voltage in Volt at Reference current in mA	> 108kV at 2mA
20	Partial discharge P.D	10pC
21	Creepage distance–mm (min) Phase to Phase	25mm/kV /31mm/kV (as applicable)
22	Max. Cantilever strength of arrester Kg	150

Exports/Technical :

Ms.Bhargavi

Ph: +91 89770 89857

E : bhargavi@oblum.co.in

overseas@oblum.co.in

Technical :

Mrs. Nagalakshmi

Ph :+91 9848352440

E : nagalakshmi.k@oblum.co.in

technical@oblum.co.in

Oblum Electrical Industries (P) Ltd.

#A-16&17, Assisted Private Industrial
Estate, Balanagar,Hyderabad - 500 037

Land Line: 040-2377 1880

GST : 36AAACO2289A1ZQ

www.oblum.co.in

