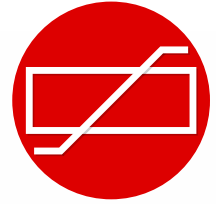


High Voltage

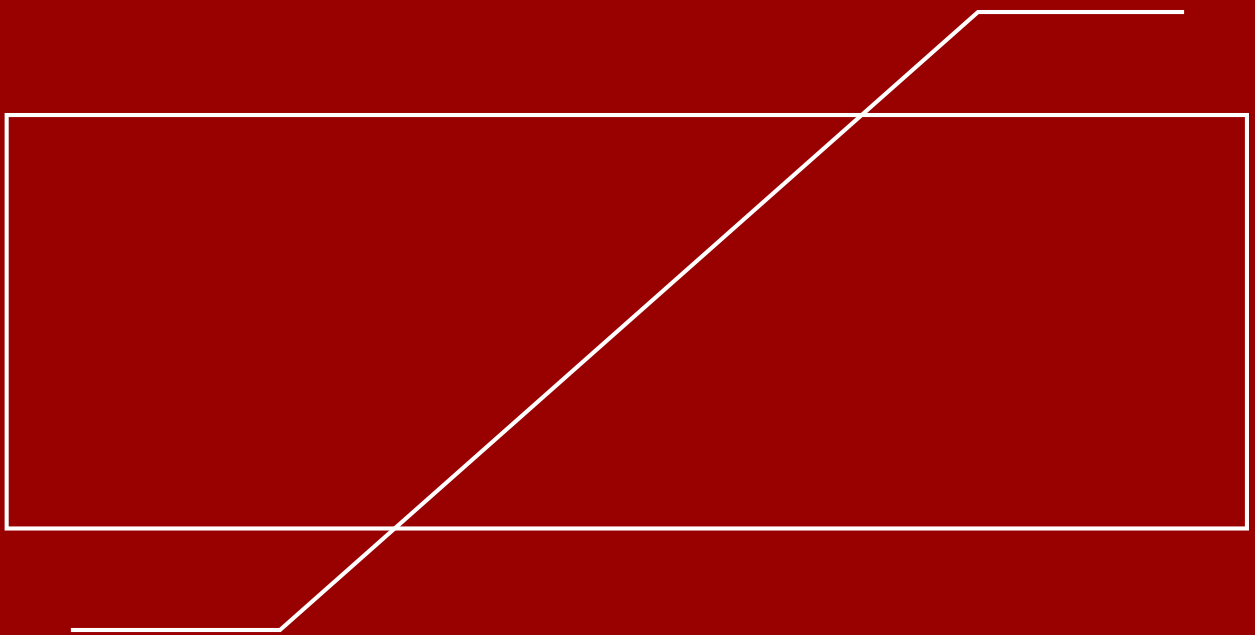


OBLUM
50 YEARS OF EXCELLENCE

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.



Asian Countries

- Philippines
- Iraq
- Bangladesh
- Srilanka
- Turkey
- Abu Dhabi
- Bhutan
- Malaysia
- Nepal
- Uganda
- Uae
- Afghanistan
- Vietnam
- Sharjah
- Nigeria
- Colombo
- Kabul
- Jordan
- Kenya
- Yemen
- Dubai
- Armenia
- Georgia
- Japan
- Kuwait

South American Countries

- Peru
- Paraguay

North American Countries

- Nicaragua
- Canada

European Countries

- Finland
- Spain

African Countries

- Kenya
- Rwanda
- Togo
- Mali
- Zambia
- Burkina Faso
- Mozambique
- Congo
- Tanzania
- Uganda
- South Africa
- Ivory Coast
- Ethiopia
- Botswana
- Liberia
- Transco Clsg
- Ghana
- Sierra Leone
- Gambia

High Voltage (96kv)

S No	Description	96kV 10kA SM
	Model	PBC
1	Highest system voltage kV rms	123
2	Nominal system voltage kVrms	110
3	Ur -Rated voltage kVrms	96
4	Uc -MCOV (kVrms)	81
5	In -NDC (8/20µs) kA	10
6	Arrester classification	Sation Medium Duty
7	Qrs (IEC 99-4 Ed.3) in coulomb	1.6
8	Wth (IEC 99-4 Ed.3) in kJ/kV	7
9	Qth (IEC 99-4 Ed.3) in coulomb	
10	Max RDV kVp	
	a)5kA	256
	b)10kA	272
	c)20kA	304
11	Max. Switch. Imp. R.V.(kVp)	
	a)500A	
	b)1000A	217
	c) 2000A	
12	Max. Steep Current impulse RDV(kVp) at NDC	304
13	High current impulse withstand value (4/10 µs) kA	100
14	TOV (kVp)	
	i. 0.1	170
	ii.1.0Sec	163
	iii. 10.0Sec	156
	iv. 100.0Sec	149
15	Short circuit current kA	40/50 (As applicable)
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 1.4
19	Reference voltage in Volt at Reference current in mA	> 96kV at 3mA
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

