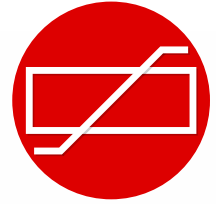


High Voltage

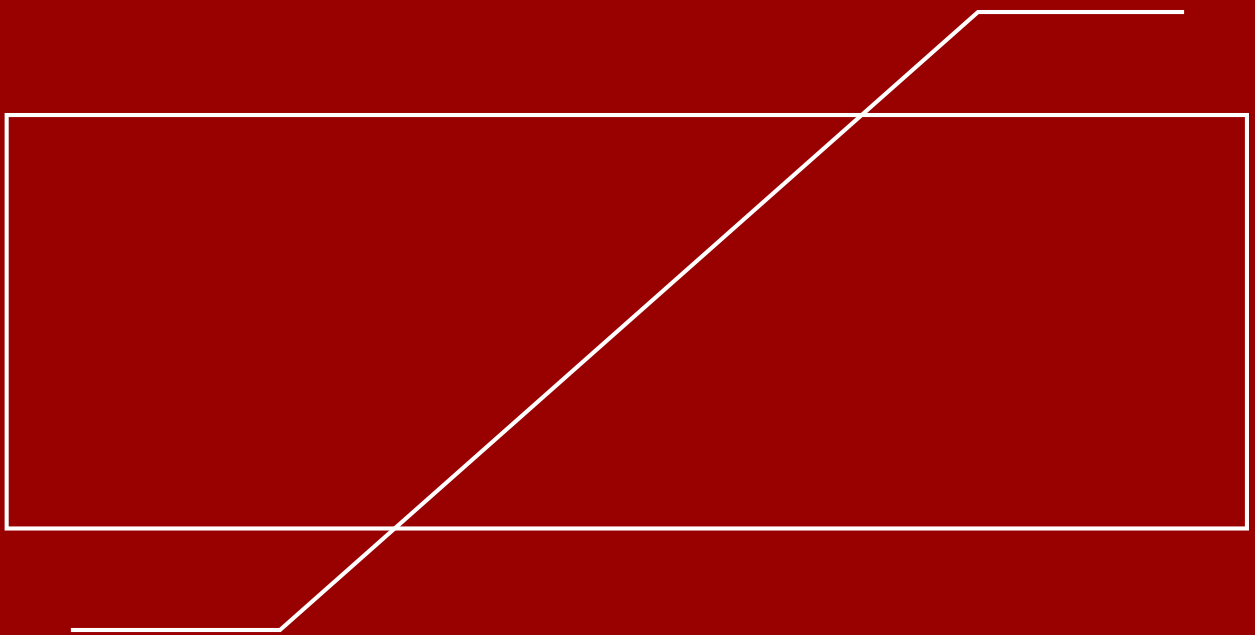


**OBLUM**  
50 YEARS OF EXCELLENCE

# 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
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- Paraguay

## North American Countries

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- Canada

## European Countries

- Finland
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## African Countries

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- 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 (72kv)

S No	Description	72kV 10kA SM
	<b>Model</b>	<b>PBC</b>
1	Highest system voltage kV rms	72.5
2	Nominal system voltage kVrms	66
3	Ur –Rated voltage kVrms	72
4	Uc –MCOV(kVrms)	61
5	In –NDC (8/20µs) kA	10
6	Arrester classification	Station 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	192
	b)10kA	204
	c)20kA	228
11	Max. Switch. Imp. R.V.(kVp)	
	a)500A	
	b)1000A	163
	c) 2000A	
12	Max. Steep Current impulse RDV(kVp) at NDC	228
13	High current impulse withstand value (4/10 µs) kA	100
14	TOV (kVp)	
	i. 0.1	127
	ii.1.0Sec	122
	iii. 10.0Sec	117
	iv. 100.0Sec	111
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 1.4
19	Reference voltage in Volt at Reference current in mA	> 72kV 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

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