

Our range of Medium Voltage arresters can be used for Indoor, Station type or Distribution type.

- 4.5KV
- 7.5KV
- 9KV
- 12KV
- 15KV



MEDIUM VOLTAGE (4.5KV)

Polymer Surge arresters are used to protect electrical equipment, like transformers, circuit-breakers, and bushings, against the effects of over voltages caused by incoming surges. Such over voltages can be caused by a direct or nearby lightning strike, an electromagnetic pulse, electrostatic discharge, or switching operations in the power supply system as well as in devices. Some over voltages are very high in energy. The current from the surge is diverted through the arrester, in most cases to earth. Effective overvoltage protection requires different surge arrester types to be used according to the particular application.

Our Product Statistics

Max. System voltage in kVrms	Rated voltage in kVrms	MODEL	MCOV in kVrms	Nominal discharge current in kA	Arrester class	TOV @10sec in kVp	Residual voltage @NDC in kVp	Switching RDV in kVp	Q _n in Coulomb	W _{th} in kJ/kV
UHV 1200	850	PAT	730	20	SH	1382	1720 @20kA	1500kVp @2kA	3.6X4 (4 parallel columns)	14kJ/kV (for complete arrester 55MJ)
UHV 800	624	PAT	490	20	SH	1015	1480@20kA	1220kVp @2kA	3.6C	13kJ/kV
EHV 550	440	PAT	374	20	SH	722	1045kVp @20kA	830kVp @2kA	3.6C	13kJ/kV
EHV 550	440	PAT	374	20	SH	715	1120kVp @20kA	890kVp @2kA	2.4C	10kJ/kV
EHV 420	390	PAT	303	20	SH	634	968kVp @20kA	760kVp @20kA	3.6C	13kJ/kV
EHV 420	390	PAT	303	20	SH	634	975kVp @20kA	780kVp @2kA	2.4C	10kJ/kV
EHV 420	390	PAT	303	10	SM	634	975@10kA	780kVp@1kA	1.6C	7kJ/kV
EHV 420	360	PAT	303	20	SH	585	975@20kA	780kVp @2kA	2.4C	10kJ/kV
EHV 420	336	PAT	267	20	SH	546	800kVp @20kA	640kVp	3.6C	13kJ/kV
EHV 420	336	PAT	267	20	SH	546	850@20kA	670kVp @2kA	2.4c	10kJ/kV

Our Clients

Other Products