

Technical Specification for Distribution Class Metal Oxide lightning Arrestor
without gaps for 33KV AC system

- i) Service = Outdoor
- ii) Type = Distribution Class Metal oxide lightning arrestor without gaps.
- iii) Nominal system voltage = 33KV
- iv) Highest system voltage = 36 KV
- v) Frequency = 50Hz \pm 5%
- vi) System Earthing = Solidly earthed
- vii) Type of housing = Polymer
- viii) Creepage distance = 900 mm
- ix) Nominal Discharge current = 10KA
- x) Long duration class = 2
- xi) Impulse withstand voltage = 170KVp
- xii) Lightning arrestors shall conform to IEC60099 and IS 3070-3 with latest amendments.
- xiii) Distribution class surge arrestor shall be suitable for vertical mounting on a steel channel of size 100x50mm.
- xiv) L.A shall be supplied complete with mounting bracket, fixing accessories and clamp connector suitable for Dog conductor. All parts shall be protected against corrosion.
- xv) Bidder shall furnish CPRI test report along with the bid conducted within five years.
- xvi) **Guarantee:** 12 months from commissioning at site or 18 months from the date of supply.


4/18