



Technical Requirement:

1. Nominal discharge current of the system: 10kA
2. Rated voltage of the lightning arrester: 204kV
3. 1mA DC reference voltage: $\geq 296kV$
4. Nominal lightning impact current residual voltage: $\leq 592kV$
5. Rated repetitive transfer charge under lightning impulse discharge QRS $\geq 1.2C$
6. 4/10us high current shock tolerance of 100KA
7. The power frequency tolerance voltage of the lightning arrester support parts shall $\geq 340kV$
8. The 50% discharge voltage of lightning rod is $\leq 900kV$
9. The minimum nominal creepage distance of the lightning arrester body is 5648mm
10. The minimum nominal creepage distance of the insulator body is 4315mm
11. Clearance discharge distance of 950 ± 20

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UNIT: MM

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