

Technical Parameter for 20kV Explosion-preventing auto-separating metal-oxide surge arrester



No.	Items	Technical parameters
1	Type	Metal-oxide surge arrester
2	Part No.	YH5WZ-32/85SPE
3	Rated Voltage	32kV
4	Maximum Continuous Operation Voltage (Effective Value)	25.6kV
5	Nominal Discharge Current	5kA

No.	Items	Technical parameters
6	1/5(s Steep current residual voltage (peak) ≤ 5kA	95kV
7	8/20(s Lightning impulse current residual voltage (peak) ≤5kA	85kV
8	30/60(s Operating impulse residual voltage (peak) ≤ 500A	70kV
9	Reference voltage At D.C. U1mA ≥	47kV
10	Leaking current At D.C.0.75 U1mA ≤	10μA
11	2ms Rectangular current withstand 20times	150A
12	4/10(s Short-time withstand current(peak)	65kA
13	Transmission line Discharge Level	1
14	Total Energy absorption capacity(Ratio : kJ/kV)	3
15	Sleeves Insulation Resistance capacity 1.2/50μs Lightning Impulse withstand Voltage (Peak)	> 125kV 55kV
16	Wiring panel permissible load Level safety factor	150N ≥2.5
17	System Connecting Method	Phase to Earth