

## Technical Parameter for 9kV Explosion-preventing and auto-separating Metal-oxide arrester



No.	Items	Technical parameters
1	Type	Outdoor
2	Part No.	YH5WS-17/50SPE
3	Rated Voltage	9kV
4	Maximum Continuous Operation voltage(Effective value)	7.65kV
5	Nominal Discharge current	10kA
6	1/5(s Steep current residual voltage (peak) ≤10kA	29kV
7	8/20(s Lightning impulse current residual voltage (peak) ≤10kA	26.5kV

No.	Items	Technical parameters
8	30/60(s Operating impulse residual voltage (peak) ≤500A	22.5kV
9	Reference voltage At D.C. U <sub>1mA</sub> ≤	15kV
10	Leaking current At D.C. 0.75	50μA
11	2ms Rectangular current withstand 20 times	250A
12	4/10(s Short-time withstand current (peak)	100kA
13	Transmission line Discharge Level IEC60099-4	1
14	Total Energy absorption capacity(Ratio: kJ/kV)	3
15	Insulation Resistance capacity 1.2/50(s Lightning impulse withstand(peak) 1min Power Frequency wet withstand (Effective value)	> 95kV 28 kV
16	Maximum continuous relatively operation voltage radio interference voltage (RIV) ≤ Partial discharge ≤	2500μA 50PC
17	Wiring Panel permissible load Level Transverse Safety coefficient	147N 147N ≥2.5
18	System connecting method	Phase to Earth