

Surge Arrester Zinc Oxide Arrester

Operating conditions

1. The ambient air temperatures is no higher than +40°C, no lower than -40°C ;
2. The altitude above sea level dose not exceed 1000-2000m(the plateau ares should be indicated when ordering);
3. AC system frequency is 50Hz or 60Hz;
4. The power frequency voltage applied to the arrester for a long time does not exceed the continuous working voltage of the arrester;
5. Maximum wind speed does not exceed 35m/s;
6. The earthquake intensity does not exceed 7 degrees;
7. The filthy area should be given clear indication.

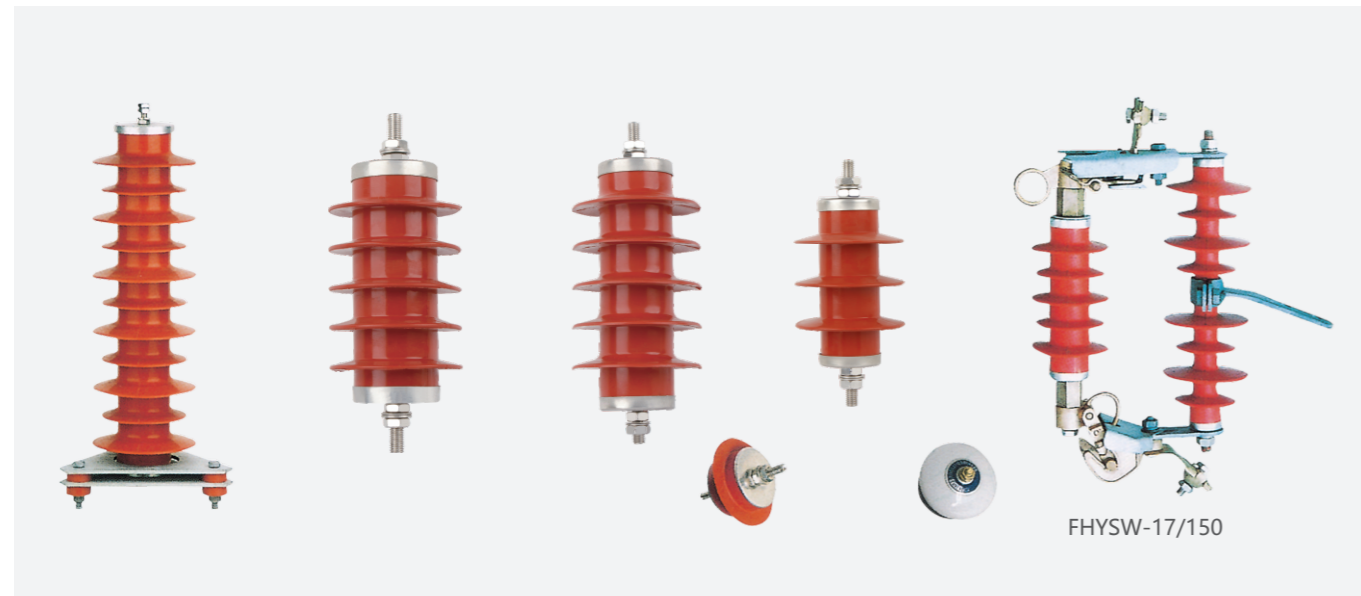
Features

The zinc oxide arrester is applied to protect the electrical equipment in AC power system against the damage resulted from atmospheres over-voltage and operational over-voltage.

Technical performance

The technical performance of the product confirms to GB11032-2000, IEC60099-4, IEEE.C62.11 standard technical requirements.

HYWS1 serise arrester



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Technical data

Type	System Rated voltage KV(rms)	Arrester Rated voltage KV(rms)	Continuous Rated voltage KV(rms)	DC1mA voltage (kv)	Lightning Impulse residual voltage (kv)	Steep wave Impulse residual voltage (kv)	2ms square wave Impulse current withstand (A)
HYWS -3.8/17	3	3.8	2.4	7.5	17.0	19.6	100
HYWS -7.6/30	6	7.6	4.0	15.0	30.0	34.5	100
HYWS -12.7/50	10	12.7	6.6	26.0	50.0	57.5	150
HYWS17/50	10	17	13.6	26.5	50.0	57.5	150
HYWZ-7.6/27	6	7.6	4.0	14.5	27.0	31.0	200
HYWZ-12.7/45	10	12.7	6.6	24.0	45.0	51.8	200
HYWZ-17/45	10	17	12.7	24.0	45.0	51.8	200
HYWZ-42/134	35	52	40.8	78.0	134.0	154.0	400
HY2.5WD-7.6/19	605	7.6	4.8	11.5	19.0	21.9	200, 400
HY2.5WD-12.7/31	10.5	12.7	6.6	19.0	31.0	35.7	200, 400
HY2.5WD-16.7/40	13.8	16.7	9.0	25.0	40.0	46.0	400
HY2.5WD-19/45	15.7	19	10.0	28.5	45.0	51.8	400
HY5WR-7.6/27	6	7.6	4.8	13.8	27.0	20.8	400
HY5WR-12.7/45	10	12.7	6.6	23.0	45.0	35.0	400
HY5WR-42/134	35	52	23.4	73.0	134.0	105.0	400

Application

Take HY5WS-17/50 as an example: H-Compound coat in organism ;Y-Metals oxide lightning arrester; 5-The mark calls to turn on electricity the electric current(KV);W-TheW mean to have no clefthe C means to establish the cleft; S-The S means to go together with the electricity; Z electricity stands; D electrical engineering type; R electric capacity type 17-Avoiding the thunder sum settles the electric voltage(KV)50-

The mark calls to turn on electricity electric current bottom biggest press(KV).