



10KV



35KV



35KV



110KV



6KV

Keystone:

The zinc oxide arrester is the most advanced over-voltage protector in the world. Due to make the resistor disc of core component mainly adopt zinc oxide arrester. Compared with the conventional silicon carbide arrester, this prescription of the product improves greatly the volt-Ampere characteristics of the resistor disc and increased through-current capability at over-voltage so as to bring a radical changes for the characteristics of the arresters. Under the circumstance of normal operating voltage, the current through the arrester is just on microampere degree. When suffered from the current through the arrester increase to several thousand ampere, while the arrester will be under the circulating state and release over-voltage energy so as to protecting the power transmission equipments against the damage caused by the over-voltage.

Condition of Use:

The ambient air temperatures is no higher than +40
, no lower than -40

The altitude above sea level does not exceed 1000-2000m

AC system frequency 50Hz or 60Hz

Industrial frequency voltage brought to bear on arrester for a long time does not exceed arrester's sustained operation voltage.

Maximum wind speed does not exceed 35m/s

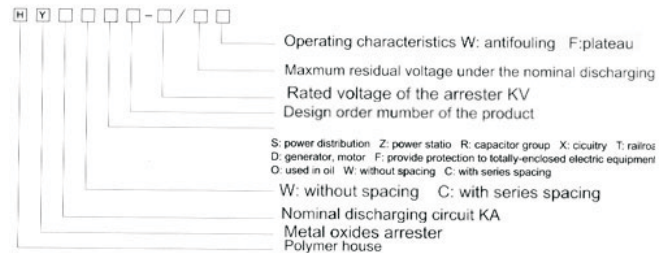
The earthquake intensity does not exceed 7 degrees.

The filthy area should be given clear indication.

Application & Characteristics:

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

Defination of model :



Technology Parameterr :

Type	System nonminal voltage (KV)	Lighting arrester rated voltage (KV)	Power frequency discharge voltage (KV)	1.2/50us impulse discharge voltage (KV)	Front-of-wave impulse Discharge voltage	Residual voltage on nominal current	Impulse current with stand	
							2000us square wave (A)	4/10us high current impulse
Y5CS-3.8/15	3	3.8	9	21	26.3	15	75	40
Y5CS-7.6/27	6	7.6	16	35	43.8	27		
Y5CS-12.7/45	10	12.7	26	50	62.5	45		
Y5CZ-3.8/12	3	3.8	9	20	25	12	75	65
Y5CZ-7.6/24	6	7.6	16	30	37.5	24		
Y5CZ-12.7/41	10	12.7	26	45	56.5	41		



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220-380V

Type	Lightning arrester rated voltage(KV)	System nominal voltage (KV)	Continuous operation voltage (KV)	DC 1mA Voltage(KV)	Lightning impulse residual voltage (KV)	Steep current impulse residual voltage (KV)	2ms square wave impulse current withstand (A)	Service scope
Y1.5W-0.28/1.3	0.28	0.22	0.24	0.6	1.3	-	75	Low-voltage
Y1.5W-0.5/2.6	0.5	0.38	0.42	1.2	2.6	-	75	
Y5WS-3.8/1.7	3.8	3	2.0	7.51	17.0	19.6	100	Power of distribution
Y5WS-7.6/30	7.6	6	4.0	15	30	34.5	100	
Y5WS-10/30	10	6	8.0	15	30	34.5	100	
Y5WS-12.4/50	12.7	10	6.6	25	50	57.5	100	
Y5WS-17/50	17	10	0.24	25	50	57.5	100	
Y5WZ-3.8/13.5	3.8	3	0.42	7.2	13.5	14.5	200	Transformer substation
Y5WZ-7.6/27	7.6	6	2.0	14.4	27	31.0	200	
Y5WZ-10/27	10	6	4.0	14.4	27	31.0	200	
Y5WZ-12.7/45	12.7	10	8.0	24	45	51.8	200	
Y5WZ-17/45	17	10	6.6	24	45	51.8	200	
Y5WZ-42/134	42	35	13.6	73	134	154	400	
Y5WZ-51/134	51	35	40.8	73	134	154	400	
Y5WZ-100/260	100	110	78	145	260	291	400,600	
Y10WE-100/260	100	110	78	145	260	291	600,800	Circumvolve Electrical machine
Y2.5WD-3.8/9.5	3.8	3	2.0	5.7	9.5	10.7	400	
Y2.5WD-7.6/19	7.6	6	4.0	11.2	19	21.9	400	
Y2.5WD-12.7/31	12.7	10	6.6	18.6	31	35.7	400	Capacitor
Y5WR-3.8/13.5	3.8	3	2.0	7.2	13.5	14.8	400	
Y5WR-7.6/27	7.6	6	4.0	14.4	27	30.8	400	
Y5WR-10/27	10	6	8.0	14.4	27	31.0	400	
Y5WR-12.7/45	12.7	10	6.6	24	45	51	400	
Y5WR-17/45	17	10	13.6	24	45	51	400	
Y5WR-51/134	51	35	40.5	73	134	154	400	Electrical machine neuter machine
Y1.5W-2.4/6	2.4	3.2*	1.9	3.4	6	-	5	
Y1.5W-4.8/12	4.8	6.3*	3.8	6.8	12	-	10	
Y1.5W-8/19	8	10.5	6.4	11.4	19	-	15.9	Transformer neuter point
Y1.5W-60/144	60	110	48	85	144	-	135	
Y1.5W-72/86	72	110	58	103	186	-	174	