



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

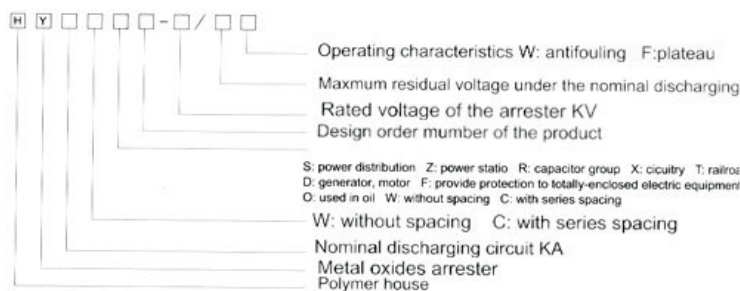
The earthquake intensity does not exceed 7 degrees.

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 :



5KA Gapped arrester electrical character :

Type	Rated voltage(KV)	Mccv(KV)	Sparkover voltage(KV)		8/20us Lighting impulse residual voltage(KV)	2000s wave impulse residual voltage (KV)	4/10s high current impulse (KV)
			Power frequency	1.2/50s Lighting impulse			
Y5C-3	3	2.55	5.0	7.8	9	100	65
Y5C-6	6	5.1	10.0	15.5	18	100	65
Y5C-9	9	7.65	16.5	24.5	27	100	65
Y5C-12	12	10.2	21.0	32.6	36	100	65
Y5C-15	15	12.7	25.0	38.8	45	100	65
Y5C-18	18	15.3	31.0	48.1	54	100	65
Y5C-21	21	17.0	34.0	52.7	63	100	65
Y5C-24	24	19.2	39.0	60.5	75	100	65
Y5C-27	27	21.9	45.0	69.8	81	100	65
Y5C-30	30	24.4	50.0	77.5	90	100	65
Y5C-33	33	26.8	55.0	85.3	99	100	65
Y5C-36	36	29	60.0	93.0	108	100	65
Y5C-42	42	34.1	70.0	108.5	126	100	65



10KA Gapped arrester electrical character :

Type	Rated voltage(KV)	Mcov(KV)	Sparkover voltage(KV)		8/20us Lighting impulse residual voltage(KV)	Line discharge class	4/10s high current impulse (KV)
			Power frequency	1.2/50s Lighting impulse			
Y10C-3	3	2.55	5.0	7.8	9	1	65
Y10C-6	6	5.1	10.0	15.5	18	1	65
Y10C-9	9	7.65	16.5	24.5	27	1	65
Y10C-12	12	10.2	21.0	32.6	36	1	65
Y10C-15	15	12.7	25.0	38.8	45	1	65
Y10C-18	18	15.3	31.0	48.1	54	1	65
Y10C-21	21	17.0	34.0	52.7	63	1	65
Y10C-24	24	19.2	39.0	60.5	75	1	65
Y10C-27	27	21.9	45.0	69.8	81	1	65
Y10C-30	30	24.4	50.0	77.5	90	1	65
Y10C-33	33	26.8	55.0	85.3	99	1	65
Y10C-36	36	29	60.0	93.0	108	1	65
Y10C-42	42	34.1	70.0	108.5	126	1	65