36KV Polymer Metal Oxide Lightning Surge Arrester

Model:YH10W-36

Jecsany as one of the professional China 36KV Polymer Metal Oxide Lightning Surge Arrester manufacturers and China factory, we are strong strength and complete management. Zinc oxide surge arrester has good protection performance. The current flowing through the arrester at normal working voltage is very small (microampere or milliampere) due to the good nonlinear voltage-ampere characteristic of zinc oxide. When the overvoltage action, the resistance dropped sharply, let off the voltage energy, to achieve the effect of protection. The difference between this kind of arrester and traditional arrester is that it has no discharge gap and uses the non-linear characteristic of zinc oxide to discharge and break.

Product Introduction

Wholesale low price 36KV Polymer Metal Oxide Lightning Surge Arrester made in China. Jecsany is a 36KV Polymer Metal Oxide Lightning Surge Arrester manufacturer and supplier in China. YH10W-36 Metal-Oxide lighting arrester is one kind most world advanced over voltage protector at present. Due to its core components of resistance applying ZnO and othermetal oxide to make of, comparing with traditional carborundum arrester, it improves greatly V-A characteristics of Resistance, increases the getting trough abilty of resistance, thereby it brings fundamental Under normal working voltage, the current passing arrester only A class,when bearing over voltage, the excellent non- linear V-A features of arrester would make effect, the current passing through the arrester increase high to thousands of Ampere instant,the arrester is under getting through state, to release over-voltage energy, therefore it effective limits t he damage to power transmission equipment due to over Voltage.

Product Parameter (Specification)

Description	Unit	Value
Rated voltage	KV	36
Nominal discharge current	KA	10
Rated AC system frequency	Hz	50 / 60
Continuous operating voltage(rms)	KV	29
1/4μs steep current impulse (crest)	KV	123

8/20us Lighting impulse residual voltage(crest)	KV	108
30/60us Swithcing current impulse	KV	92.4
Rectangular current withstand 2ms	A	250
4/10us High current impulse withstand(crest)	KA	100
Leakage/Creepage Distance	mm	1060

Product Feature And Application

Normal service conditions:

1.The ambient temperature: -40°C ~+40°C
2.The altitude above sea level :not exceed 1000-2000m (the altiplano area should be indicated when order)
3.Earthquake intensity: not higher than 7 degrees;
4.Maximum wind velocity :less than 35m/s.
5.The filthy area should be given clear indication.

Feature:

The zinc oxide surge 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 siliconcarbide arrester, this prescription of the product improves greatly the volt-ampere characteristics of the resistor disc and increase through- current capability at over-voltage so as to bring a rad local-changes for the characteristics of the arresters.

Product Details