

CYG Insulator Co.,Ltd.(CYG Insulator), the leading composite insulator manufacturer in china, a controlled subsidiary of Changyuan Technology Group Ltd.(SH: 600525), established in 1994 ,is an national hi-tech enterprise specially engaged in the research & design, manufacture and sales of composite insulators for transmission line(TL), substation(SS), distribution line(DL), electrical railway(Rail), composite insulation components(CIC) and composite surge arrester for distribution line(CSA)

CYG Insulator has the capacity and ability of researching, manufacturing and inspection both $\pm 1100\text{kV}$ HVDC and 1100kV HVAC and below voltage. The factory has the advanced manufacturing facilities covering two sets of 100% auto silicone rubber lines, over 30sets of whole injection machines along with 300 injection moldings and over 10 sets finpower-made crimping machines. Also CYG Insulator has the test & inspection facilities covering the chemical/Physical lab, Mechanical Lab, Aging Lab and Electrical Lab.

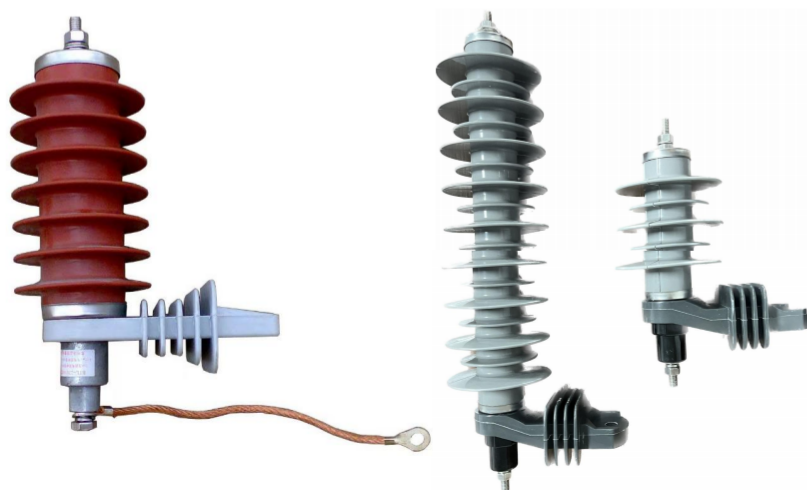
Now CYG Insulator has been one of the biggest famous insulators' company in manufacturing technology, production capacity, product quality and market shares. And his products have recognized and praised by various consumers worldwide

CYG Insulator is certified by ISO 9001/ISO14001/ISO45001

R&D CENTER



COMPOSITE SURGE ARRESTER FOR DISTRIBUTION LINE



Polymeris Surge Arrester is one kind most world advanced over-voltage protector at present due to its core components of resistance applying ZnO and other metal oxide to make of comparing with traditional carborundum arrester, it improves greatly V-A characteristics of resistance, increases the getting through ability of resistance, thereby it brings fundamental, change to features of arrester.

Under nomal 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 arresteris under getting through state, to release over-voltage energy therefore it effective limits the damage to power transmission equipments due to over voltage.

Application: ZnO lightning arresteris one kind protecting equipment preventing electric equipments in AC power system from high voltage and over-voltage operation.

DESIGNATION(Polymeris Surge Arrester)

Letters Y (Metal ZnO Lighting Arrester)

Letters H (Composite Organic Bushing)

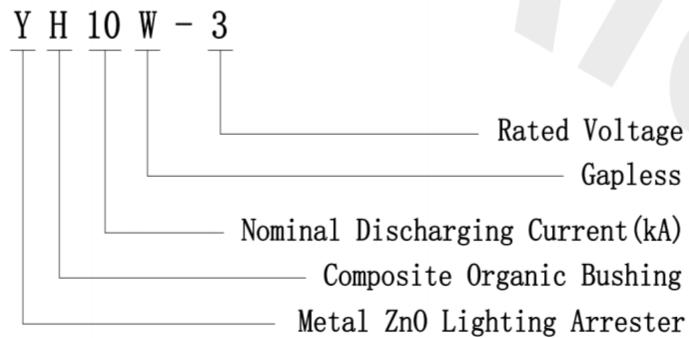
One number represents nominal discharging current(kA)

One letter represents gap type or gapless type(W-Gapless;C-Gap in series)

A dash followed by rated voltage for lightningarrester

Designation Example(YH10W-3)

Rated 3kV lightningarrester ia a metal ZnO Lighting Arrester with Composite Organic Bushing type, and the nominal discharging current is 10kA,gapless type.



10kA GAPLESS POLYMER ARRESTER

SN	Designation	Rated Voltage(kV)	MCOV(kV)	Max. Residual Voltage(kV)			2000 us Square Wave Impulse Current Withstand (A)	4/10 us High Current Impulse (kV)
				Steep Current Impulse(kV)	Switching Current Impulse(kV)	Lighting Current Impulse(kV)		
1	YH10W-3	3	2.55	9.5	7.7	9	250-550	100
2	YH10W-6	6	5.1	19.5	15.4	18	250-550	100
3	YH10W-9	9	7.65	28.5	23.1	27	250-550	100
4	YH10W-10	10	8.4	36	30	23	250-550	100
5	YH10W-11	11	9.4	38	33	30	250-550	100
6	YH10W-12	12	10.2	40	30.8	36	250-550	100
7	YH10W-15	15	12.7	47.5	38.5	45	250-550	100
8	YH10W-18	18	15.3	57	46.2	54	250-550	100
9	YH10W-21	21	17	66.5	53.9	63	250-550	100
10	YH10W-24	24	19.5	76	61.6	72	250-550	100
11	YH10W-27	27	21.9	85.5	69.3	81	250-550	100
12	YH10W-30	30	24.4	95	76.5	90	250-550	100
13	YH10W-33	33	26.8	104.5	84.7	99	250-550	100
14	YH10W-36	36	29	114	92.4	108	250-550	100
15	YH10W-42	42	34.1	132.3	100.1	126	250-550	100