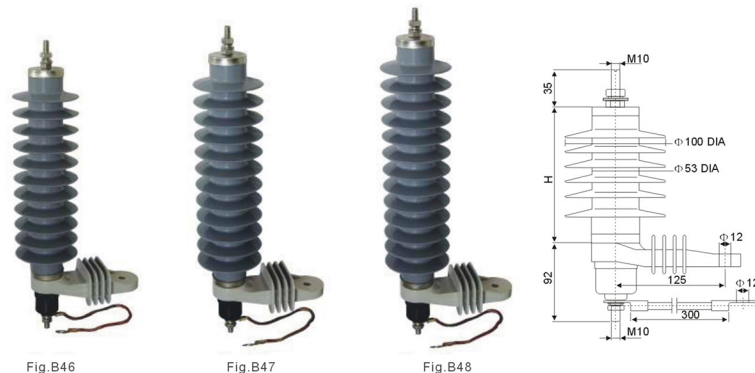
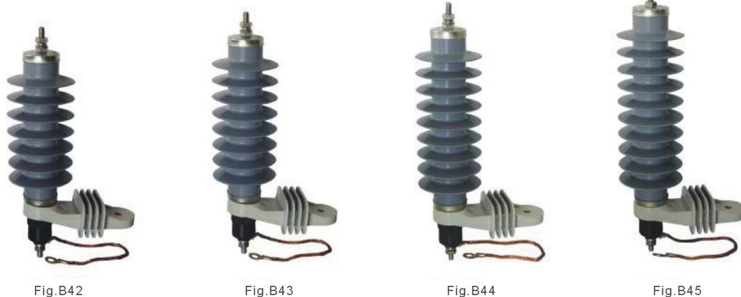


Metal-oxide Surge Arrester

YH5W,YH10W Series Polymer Housing Surge Arrester



Metal-oxide Surge Arrester

YH5W,YH10W Series Polymer Housing Surge Arrester

Table 4-Main Technical Parameter of Polymer Housing Metal-oxide Surge Arrester

Nominal Discharge Current:10kA

Manufacturer		Ouwei Electric													
Rated Voltage(Ur)	KV	3	6	9	10	11	12	15	18	21	24	27	30	33	36
Nominal discharge current(In)	kA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1 Type		YH10W-3	YH10W-6	YH10W-9	YH10W-10	YH10W-11	YH10W-12	YH10W-15	YH10W-18	YH10W-21	YH10W-24	YH10W-27	YH10W-30	YH10W-33	YH10W-36
2 Maximum continuous operating voltage(Uc)	kV	2.55	5.10	7.65	8.40	9.35	10.20	12.70	15.30	17.0	19.50	22.00	24.40	26.70	29.00
3 Residual voltage at															
3.1 -Lightning impulse 8/20 μs	kV	9.0	18.0	27.0	30.0	33.0	36.0	45.0	50.0	60.0	70.0	80.0	90.0	99.0	108.0
3.2 -Steep current impulse 1/10 μs	kV	10.3	20.6	30.9	34.5	37.8	41.2	51.5	57.5	69.0	80.5	92.0	103.5	113.8	124.2
3.3 -Switching impulse 30/60 μs	kV	7.6	15.2	22.8	25.5	28.6	30.4	38.0	42.5	51.0	59.5	68.0	76.5	84.1	91.8
3.4 -Switching surge (Peak current)	A	500	500	500	500	500	500	500	500	500	500	500	500	500	500
4 Long duration current impulse withstand															
4.1 -2ms rectangular current withstand	A	200	200	200	200	200	200	200	200	200	200	200	200	200	200
4.2 -Line discharge class(10kA & up)		1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 Operating duty															
5.1 -4/10 μs high current impulse withstand	kA	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6 Housing insulation withstand															
6.1 -Lightning impulse	kV	40	60	65	75	85	95	105	120	125	135	155	170	185	190
6.2 -Power frequency (Wet)	kV	20	25	30	30	40	40	50	55	58	60	65	70	75	85
7 Partial discharge	pC							<10							
8 Creepage distance	mm	164	230	296	296	362	362	428	494	560	626	692	758	825	900
9 Creepage distance/rated voltage ratio	mm/kV	54.0	38.0	32.8	29.6	32.9	30.0	28.5	27.4	26.7	26.0	25.6	25.2	25.1	25.0
10 Mechanical section length(Drawing "H")	mm	110	135	160	160	185	185	210	235	260	285	310	335	360	385
11 Shed number	pcs	2	3	4	4	5	5	6	7	8	9	10	11	12	13
12 Mechanical strength															
12.1 -Torsional	Nm	60	60	60	60	60	60	60	60	60	60	60	60	60	60
12.2 -Cantilever	N	147	147	147	147	147	147	147	147	147	147	147	147	147	147
13 Package data															
13.1 -Net weight of each unit	Kg	1.13	1.32	1.51	1.51	1.75	1.75	2.01	2.24	2.51	2.69	2.95	3.17	3.38	3.56
13.2 -Dimensions (6PCS/CTN)	cm	33x32x23	36x32x23	38x32x23	38x32x23	40x32x23	40x32x23	43x32x23	45x32x23	48x32x23	50x32x23	53x32x23	55x32x23	58x32x23	60x32x23
14 Figure No.		Fig.B37	Fig.B38	Fig.B39	Fig.B39	Fig.B40	Fig.B41	Fig.B42	Fig.B43	Fig.B44	Fig.B45	Fig.B46	Fig.B47	Fig.B48	Fig.B48