

5kA 复合外套金属氧化合物避雷器主要技术参数 Main Technical Parameters of 5kA Gapless MOA with polymer housing

序号 No.	型号 Type	避雷器 额定电压 Rated voltage of arrester kV(rms)	系统 额定电压 Rated voltage of system kV(rms)	避雷器 持续运行电压 Continuous operating voltage of arrester kV(rms)	直流 1mA 参考电压 不小于 kV DC1mA reference voltage not less than kV	波头 1μs 5kA 陡波冲击 电流残压 Wave head 1μs 5kA steep current impulse residual voltage not more than kV (peak)	8/20μs 5kA 雷电冲击 电流残压 8/20μs 5kA lightning impulse residual voltage not more than kV (peak)	30/60μs 500A 操作冲击 电流残压 30/60μs 500A switching impulse residual voltage not more than kV (peak)	2000μs 方波通流 容量 18 次 A (峰值) Discharge capacity of rectangular wave 2000μs 18 times A (peak)	4/10μs 冲击大电流 2 次 kA (峰值) 4/10μs impulse high current 2 times kA (peak)	图号 Drawing No.	外形尺寸 H,D,d Outline Dimensions H,D,d	爬电 距离 mm Creepage distance mm
1	HY5WZ2-10/27	10	6	8	14.4	31	27	23	150	45 65	1	258,100,10	370
2	HY5WR2-10/27					-		21		65		258,120,12	
3	HY5WS2-10/30					34.6	30	25.6	75 100	40	1或 2	240,90/95,10	330
4	HY5WZ2-17/45	17	10	13.6	24	51.8	45	38.3	150	40 65	1	258,100,10	370
5	HY5WR2-17/45					-		35		65		258,120,12	
6	HY5WS2-17/50					57.5	50	42.5	75 100	40	1或 2	240,90/95,10	330
7	ZHY5WS2-17/50*	51	35	42	74.5	154	134	105	150 400	40 65	3	276,95,10	380
8	HY5WZ2-51/134												
9	HY5WR2-51/134												
10	HY5WZ2-52.7/134	52.7	35	42	74.5	154	126	114	400 600	40 65	5或 8	602/670,150,12	1200
11	HY5WR2-52.7/134					-		105					
12	HY5WR2-52.7/126					-		102					

注：1. 带“*”产品 ZHY5WS2-17/50 为支柱式金属氧化物避雷器，其弯曲耐受负荷为 1.6kN，扭转耐力矩为 600N·m。
2. 操作冲击电流残压一栏中 HY5WZ2 系列产品的操作冲击电流值为 250A，HY5WS2 系列产品的操作冲击电流值为 100A。

Note: 1. The product ZHY5WS2-17/50 with “*” is post type MOA, its bending load is 1.6kN, torsional moment is 600N.m.

2. In the column of switching impulse residual voltage, the switching impulse current for HY5WZ2 series products is 250A; the switching impulse current for HY5WS2 series products is 100A.