

低压并联电力电容器

Low Voltage Shunt Power Capacitor

SINO-U.S JOINT-VENTURE ZHEJIANG
JIUKANG ELECTRIC CO.,LTD

专注才能更成功

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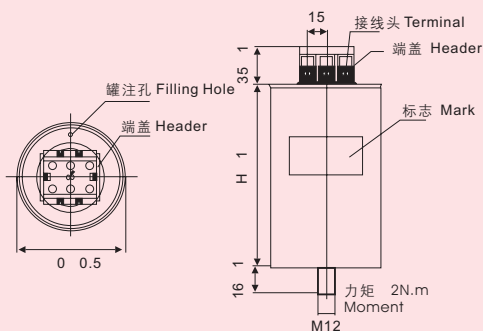


主要特点 Main characters

- 1、高可靠性产品可承受300In以上浪涌冲击。
- 2、高安全性产品具有非常优秀的自愈性，铝外壳永不生锈，可触摸式接线端子，安全可靠，顶盖拉断式防爆结构，更增加产品的安全性。
- 3、外置放电电阻，确保电容在断开电源后3分钟内端子间剩余电压降至50V以下。使电容安全退出电网，确保安全。
- 4、体积小、重量轻、是方型、椭圆产品的2/3以下，易于安装。

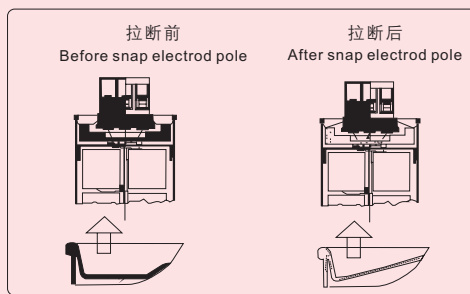
- 1、High Reliability, the product can endure electric surge strike more than 300In.
- 2、High Security, the products have excellently self-healing, aluminum case never rust, the terminal of capacitor permit touch by everyone, Safety and reliability, and cover can abruption the pole of capacitor when it break, and explosion-proof construction increases safety of product.
- 3、Built-out discharge resistor can assure residue voltage in terminals lower down under 50V in 3 minutes after the capacitor stops working, and assure capacitor release from transmission-line system of electric power.
- 4、Small volume and light weight, only under 2/3 of the old one. It can be easy to install.

外形尺寸 Overall Dimension



主要技术指标 Main Technical Indexes

- 1、引用标准: GB12747-2004、IEC60831-96、UL810-95
- 2、使用条件: -25℃/+50℃ 湿度 ≤ 90%RH 海拔 ≤ 2000m
- 3、允许过电压: 1.0Un、1.1Un 8h/d、1.3Un 1min
- 4、允许过电流: 1.3In
- 5、耐冲击电流: < 300In
- 6、容量允许偏差: -5~+10%
- 7、损耗角正切, 工频额定电压: $\text{tg } \delta \leq 0.0015$
- 8、介质损耗: < 0.25W/kvar
- 9、试验电压: 极间 2.15Un 10S 极壳 3000VAC 60S
- 1、Standard reference: GB12747-2004、IEC60831-96、UL810-95
- 2、Using Condition: -25℃/+50℃ Humidity ≤ 90%RH Altitude ≤ 2000m
- 3、Over-voltage Permitted: 1.0Un、1.1Un 8h/d、1.3Un 1min
- 4、Over-Current Permitted: 1.3In
- 5、Impact Current: < 300In
- 6、Allowable offset on Reactive-load Power: -5~+10%
- 7、Loss Angle Tangent (Power Frequency Rated Voltage): $\text{tg } \delta \leq 0.0015$
- 8、Dielectric Loss: < 0.25W/kvar
- 9、Testing Voltage: Between Poles 2.15Un 10S Between and Housing 3000VAC 60S



防爆示意图
Flameproof sketch drawing

主要规格及外形尺寸 *Main Specification & Overall Dimension*

额定电压 Rated Voltage VAC	额定容量 Rated output kvar	额定电容 Rated Capacitance μ F	额定电流 Rated Current A	连接方式 connection Mode	外形尺寸 Dimensions φ H(mm)
230	3.0	180.5	7.5	△	φ 76 240
	4.0	240.7	10.0	△	φ 76 240
	5.0	300.9	12.5	△	φ 86 240
	6.0	361.0	15.1	△	φ 86 240
	7.5	451.3	18.8	△	φ 86 240
	10.0	601.7	25.1	△	φ 116 240
	12.0	722.1	30.1	△	φ 116 240
	14.0	842.4	35.1	△	φ 116 280
	15.0	902.6	37.6	△	φ 116 280
	16.0	962.8	40.1	△	φ 116 280
400	3.0	59.7	4.3	△	φ 76 210
	4.0	79.6	5.8	△	φ 76 210
	5.0	99.5	7.2	△	φ 76 210
	6.0	119.4	8.7	△	φ 76 210
	7.5	149.2	10.8	△	φ 76 210
	10.0	198.9	14.4	△	φ 76 240
	12.0	238.7	17.3	△	φ 76 240
	14.0	278.5	20.2	△	φ 86 240
	15.0	298.4	21.6	△	φ 86 240
	16.0	318.3	23.1	△	φ 86 240
280	3.0	121.8	6.2	△	φ 76 240
	4.0	162.4	8.2	△	φ 76 240
	5.0	203.0	10.3	△	φ 86 240
	6.0	243.6	12.4	△	φ 86 240
	7.5	304.5	15.5	△	φ 86 240
	10.0	406.0	20.6	△	φ 116 240
	12.0	487.2	24.7	△	φ 116 240
	14.0	568.4	28.9	△	φ 116 280
	15.0	609.0	30.9	△	φ 116 280
	16.0	649.6	33.0	△	φ 116 280
415	3.0	55.4	4.2	△	φ 76 210
	4.0	73.9	5.6	△	φ 76 210
	5.0	92.4	7.0	△	φ 76 210
	6.0	110.9	8.3	△	φ 76 210
	7.5	138.6	10.4	△	φ 76 210
	10.0	184.8	13.9	△	φ 76 240
	12.0	221.8	16.7	△	φ 76 240
	14.0	258.8	19.5	△	φ 86 240
	15.0	277.2	20.9	△	φ 86 240
	16.0	295.7	22.2	△	φ 86 240
690	3.0	55.4	4.2	△	φ 76 210
	4.0	73.9	5.6	△	φ 76 210
	5.0	92.4	7.0	△	φ 76 210
	6.0	110.9	8.3	△	φ 76 210
	7.5	138.6	10.4	△	φ 76 210
	10.0	184.8	13.9	△	φ 76 240
	12.0	221.8	16.7	△	φ 76 240
	14.0	258.8	19.5	△	φ 86 240
	15.0	277.2	20.9	△	φ 86 240
	16.0	295.7	22.2	△	φ 86 240

额定电压 Rated Voltage VAC	额定容量 Rated output kvar	额定电容 Rated Capacitance μ F	额定电流 Rated Current A	连接方式 connection Mode	外形尺寸 Dimensions φ H(mm)
450	3.0	47.2	3.8	△	φ 76 210
	4.0	62.9	5.1	△	φ 76 210
	5.0	78.6	6.4	△	φ 76 210
	6.0	94.3	7.7	△	φ 76 210
	7.5	117.9	9.6	△	φ 76 210
	10.0	157.2	12.8	△	φ 76 240
	12.0	188.6	15.4	△	φ 76 240
	14.0	220.1	18.0	△	φ 86 240
	15.0	235.8	19.2	△	φ 86 240
	16.0	251.5	20.5	△	φ 86 240
525	18.0	282.9	23.1	△	φ 116 280
	20.0	314.4	25.6	△	φ 116 280
	25.0	393.0	32.1	△	φ 116 280
	3.0	34.6	3.3	△	φ 76 210
	4.0	46.2	4.4	△	φ 76 210
	5.0	57.7	5.5	△	φ 76 210
	6.0	69.3	6.6	△	φ 76 210
	7.5	86.6	8.2	△	φ 76 210
	10.0	115.5	11.0	△	φ 76 240
	12.0	138.6	13.2	△	φ 76 240
690	14.0	161.7	15.4	△	φ 86 240
	15.0	173.2	16.5	△	φ 86 240
	16.0	184.8	17.6	△	φ 86 240
	18.0	207.9	19.8	△	φ 116 240
	20.0	231.0	22.0	△	φ 116 240
	25.0	288.7	27.5	△	φ 116 280
	3.0	20.1	2.5	Y	φ 76 210
	4.0	26.7	3.3	Y	φ 76 210
	5.0	33.4	4.2	Y	φ 76 210
	6.0	40.1	5.0	Y	φ 76 210
7.5	50.1	6.3	Y	φ 76 210	
10.0	66.9	8.4	Y	φ 76 240	
12.0	80.2	10.0	Y	φ 76 240	
14.0	93.6	11.7	Y	φ 86 240	
15.0	100.3	12.5	Y	φ 86 240	
16.0	107.0	13.4	Y	φ 86 240	
18.0	120.3	15.1	Y	φ 116 240	
20.0	133.7	16.7	Y	φ 116 240	
25.0	167.1	20.9	Y	φ 116 280	