

TBBX低电压无功就地补偿器

TBBX Low voltage Reactive Power Local Compensator

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专注才能更成功

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概述 General Description

“九康牌”无功就地补偿器是本公司采用自愈式并联电容器研制开发的一种节电产品。它安装在感性负载旁与感性负载就地并联使用,用以提高配电系统的功率因数,降低线损,提高末端负载的供电电压,挖掘供电系统的供电潜力。该产品广泛应用于工矿企业、商场大厦以及农村电网等三相交流异步电动机的无功就地补偿。

JIUKANG brand reactive power local compensator is a kind of energy saving product developed through the self-healing type shunt capacitor by the company. The device is mounted beside the inductive load and shunted with it locally to operate synchronously. As a result, the power factor of the electric network is promoted, the line loss reduced, the supply voltage of the end load improved, and the supply potential of the distribution system developed fundamentally. The device is widely applied to the low voltage distribution system of industrial and mining enterprises, emporiums and buildings, and electric network of countries to make reactive power local compensation for three-phase asynchronous motor.

主要特点 Main Characteristics

- 1、补偿配置灵活,且一台电动机只需配置一台就地补偿器。
- 2、投资小,回报率高。一般使用半年所节约的电费就可收回投资,经济效益显著。
- 3、体积小,重量轻。温升低,工作寿命长。
- 4、安装方便,可作为挂壁式,也可作为落地式,使用安全可靠。
- 1、 Flexible, compensation layout.
- 2、 Making high profit by small amount of investment. In general, the electricity fees saved by using the device in half a year are equal to the investment amount, so the economic benefit is obvious.
- 3、 Small volume and light weight.
- 4、 Convenient installation, safe and reliable operation.

主要技术指标 Technical Characteristics

- 1、使用条件:海拔2000米,环境温度-25℃~+50℃,相对湿度35℃时, < 90%
- 2、额定电压: 400VAC, 525VAC, 690VAC, 750VAC, 1000VAC。
- 3、额定容量: 1~100kvar。
- 4、电容量允差: -5~+10%。
- 5、损耗角正切值: < 0.2%。
- 6、最高允许过电压: 110%额定电压。
- 7、最高允许过电流: 130%额定电流。

- 8、绝缘性: 极壳间3kVAC10秒钟。
- 9、自放电特性: 切出3分钟后, 剩余电压从 $\sqrt{2}U_n$ 降至50V以下。
- 10、符合标准: JB/T7115-1993
- 1、 **Service condition:** Altitude 2000m; Ambient temperature -25℃~+50℃, humidity 90% at 35℃.
- 2、 **Rated voltage:** 400VAC, 525VAC, 690VAC, 750VAC, 1000VAC.
- 3、 **Rated output:** 1~100kvar.
- 4、 **Capacitance Tolerance:** -5~+10%.
- 5、 **Tangent of the loss angle:** ≤0.2%.
- 6、 **Max. Allowable over voltage:** 110% rated voltage
- 7、 **Max. Allowable over current:** 130% rated current
- 8、 **Insulation level:** between terminals and container 3kVAC for 10 seconds.
- 9、 **Self sustained discharge ability:** give $\sqrt{2}U_n$ DC voltage to capacitor, the residual voltage reduces to 50v or lower within 3 minutes after power off.
- 10、 **Standards:** In conformity with JB/T7115-1993.

主要技术参数 Main Technical Parameter

型号规格TBBX Model	额定容量kvar Rated output	外形尺寸(mm) Overall dimension 长 宽 高(L W H)		
0.4-1-3	1			
0.4-2-3	2			
0.4-3-3	3			
0.4-4-3	4			
0.4-5-3	5	220	100	235
0.4-6-3	6			
0.4-7-3	7			
0.4-7.5-3	7.5			
0.4-8-3	8			
0.4-10-3	10	220	100	320
0.4-12-3	12			
0.4-14-3	14			
0.4-15-3	15	220	100	350
0.4-16-3	16			
0.4-18-3	18	220	100	420
0.4-20-3	20			
0.4-25-3	25			
0.4-30-3	30	220	140	430
0.4-40-3	40			
0.4-50-3	50			
0.4-60-3	60			
0.4-70-3	70			
0.4-80-3	80	300	230	540
0.4-90-3	90			
0.4-100-3	100			

注:可根据用户需要制造1.0kV及以下其他电压等级的补偿器。
Note: The compensation equipment of other rated voltages up to 1.0kV can be made according to the requirements from users.