

无功功率自动补偿控制器

Reactive Power Auto-compensation Controller

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

专注才能更成功

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概述 General Description

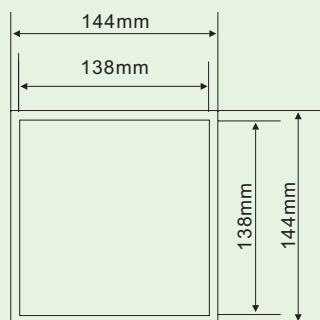
无功功率自动补偿控制器是低压电容屏的配套产品。本公司根据不同用户的需求，成功地开发了JKL5C、JKL8C、JKG2B、JKGF、JKW5C等五种型号的智能系列控制器，控制路数有4、6、8、10、12不等。产品采用微型计算机控制，技术先进、功能完美、抗干扰能力强，运行稳定可靠，补偿精度高，外形美观，是电容屏厂家首选的产品。

The reactive power auto-compensation controller is the auxiliary product for low voltage capacitor screen. According to the different demands of user, the company developed successfully the JKL5C, JKL8C, JKG2B, JKGF, JKW5C types of intelligent controller series; Number of the channels controlled is 4,6,8,10 and 12 available. All of these devices are controlled by the microcomputer, with the advanced technology, they have complete range of functions, rather strong anti-interference ability, stable and reliable operation, accurate compensation and novel appearance, so they are the preferred products of capacitor screen manufacturers.

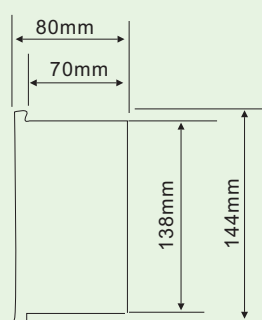
使用条件 Service Conditions

- 1、海拔高度：不超过2500米
 - 2、环境温度：-5℃~+40℃
 - 3、相对湿度：40℃时，≤50%；20℃时≤90%
 - 4、周围环境无腐蚀气体，无导电性尘埃，无易燃易爆介质。
 - 5、安装处无剧烈振动。
- 1、Altitude not than 2500m.
 - 2、Ambient temperature:-5℃~+40℃
 - 3、Relative humidity:≤50% at 40℃ and ≤90% at 20℃.
 - 4、NO corrosive gas, inductive dust, and inflammable and explosive media in the ambient environment.
 - 5、The mounting position should be protected against violent vibration.

外形尺寸 Overall Dimension



JKW58正视图



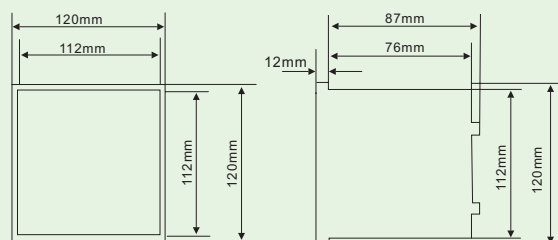
JKW58侧视图

JKW58开孔尺寸 opening dimensions
139 139mm



主要技术参数 Main Technical parameter

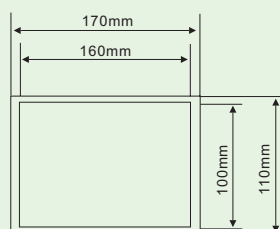
项目 Items	JKL5C/JKL8C	JKG2B	JKGF	JKW5C
额定工作电压 Rated working voltage	380V 20%, 50Hz	220V 10%, 50Hz	220V 10%, 50Hz	380V 20%, 50Hz
电流取样输入 Sampled input current	交流 $I_{in} \leq 5A$, (AC, $I_{in} \leq 5A$)	交流 $I_{in} \leq 5A$, (AC, $I_{in} \leq 5A$)	交流 $I_{in} \leq 5A$, (AC, $I_{in} \leq 5A$)	交流 $I_{in} \leq 5A$, (AC, $I_{in} \leq 5A$)
输出触点容量 Output contact capacity	220V 5A, 380V 3A	220V 5A, 380V 3A	220V 5A, 380V 3A	220V 5A, 380V 3A
介电强度 Dielectric strength	交流3000V(AC3000V)	交流3000V(AC3000V)	交流4000V(AC4000V)	交流3000V(AC3000V)
工作方式 Working method	连续 Continuous	连续 Continuous	连续 Continuous	连续 Continuous
投入门限 Switch on threshold	无功电流 $> 1.1I_c$, $\cos \phi < \cos \phi$ 预置 Reactive current $> 1.1I_c$, $\cos \phi < \cos \phi$ preset	$\cos \phi < 0.93$	$\cos \phi < 0.93$	无功电流 $> 1.1I_c$, $\cos \phi < \cos \phi$ 预置 Reactive current $> 1.1I_c$, $\cos \phi < \cos \phi$ preset
切除门限 Switch off threshold	功率因数 $> \cos \phi$ 预置 power factor $> \cos \phi$ preset	$\cos \phi < 0.98$	$\cos \phi < 0.98$	功率因数 $> \cos \phi$ 预置 power factor $> \cos \phi$ preset
投切延时 Switching time delay	5-100秒可调 (5-100s adjustable)	5-100秒可调 (5-100s adjustable)	40秒(40s)	5-100秒可调 (5-100s adjustable)
过电压保护 Over voltage protection	400-450V可调 (400-450v adjustable)	230-250V可调 (230-250v adjustable)	230-250V可调 (230-250v adjustable)	400-450V可调 (400-450v adjustable)
取样信号相序 Phase sequence of sampling singal	自动鉴别 Automatic identifying	自动鉴别 Automatic identifying		自动鉴别 Automatic identifying
自检功能 Self-checking function	有 Yes	有 Yes	有 Yes	有 Yes
控制路数 Channels controlled	4,6,8,10,12	4,6,8,10,12	4,6,8,10	4,6,8,10,12
整机功耗 Overall wattage dissipation	10W	15W	10W	10W
整机重量 Overall Weight	1.35kg	1.8kg	1.00kg	1.35kg
安装开孔尺寸 Size of mounting hole	113 113mm	162 102mm	162 102mm	139 139mm



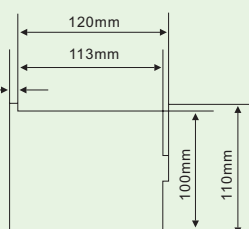
JKL5C 正视图

JKL5C 侧视图

JKL5C 开孔尺寸 opening dimensions
113 113mm



JKG2B/JKGF 正视图



JKG2B/JKGF 侧视图

JKG2B/JKGF 开孔尺寸 opening dimensions
162 102mm