KCS系列无功动态调节器(容性无触点开关)

KCS series reactive power dynamic regulator (capacitive no-contact switch)

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概述 *General Description*

KCS系列容性无触点开关是一种能够对电力并联电容器进行快速投切的电子型功率器件，其电气结构主要由大功率反并连晶管模块、隔离电路、触发电路、同步电路、保护电路及驱动电路组成，并配有控制开关导通或截止的接线端子，控制逻辑电压OV(截止)、12V(导通)。本开关具有安装简单、维护方便、响应速度快，投切无涌流、工作无噪声稳定可靠、缺相保护等特点。是无功功率动态补偿装置用投切电容组的理想器件。

KCS series capacitive no-contact switch is electronic power controller for switching quickly on/off power shunt capacitor, composed of large-capacity inversely shunt transistor module, isolation circuit, touch-off circuit, synchronized circuit, protective circuit and driving circuit, and provided with switch on/off terminals, logic control voltage OV (Off), 12V (On). This switch can be easily mounted, maintained, quickly response, it has no switching surge and noise during operating. Phase failure protection provided. It is the ideal controller for capacitor bank to dynamically compensating the reactive power.

技术参数 *Main Technical Parameter*

1、额定电压：380V(220V)

2、额定频率：50Hz

3、控制容量：380V级：1Kvar—30Kvar　220级：1Kvar—10Kvar

1. rated voltage：380V(220V)

2. rated frequency：50Hz

3.controlled capacity：380V class: 1Kvar to 30Kvar
220V class: 1Kvar to 10Kvar

型号说明 *Model Meanings*

KCS □ - □ - □ - □

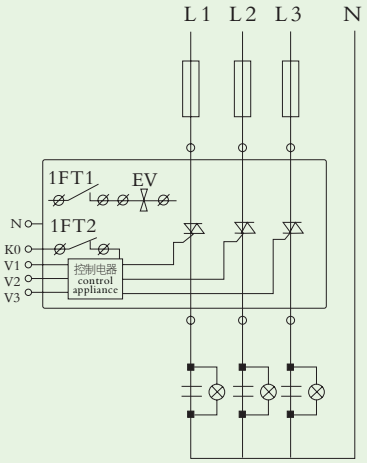
- □ 1单相用 / 3三相用
- □ 能控制的最大无功功率 如：10(Kvar)
- □ 电压等级 如：0.4(KV)
- □ 1A 一只产品能控制一组三相电容 / 3F 一只产品能控制三组单相电容
- KCS 产品类别代号

KCS □ - □ - □ - □

- □ 1. for single phase / 3. for three phases
- □ maxi controllable capacity ie：10(Kvar)
- □ voltage class ie：0.4(KV)
- □ 1A: one switch can control one group of three phases capacitors / 3 F: one switch can control three groups of three phases capacitors
- KCS Product code

接线原理图 *Wiring diagram*

KCS3F

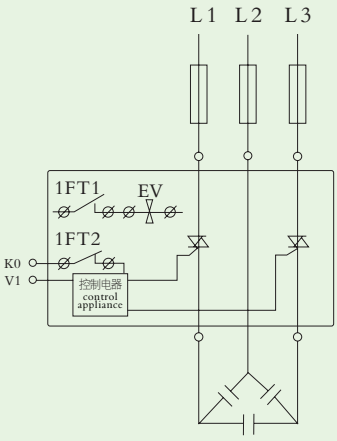


KCS3F-0.25-□1

1FT1	温度开关50度以下常开
1FT2	温度开关75度以下常闭
EV	风机
V1 V2 V3	来自控制器的控制信号
K0	控制信号公共端

1FT1	temperature switch is normal opening (NO) below 50 degree
1FT2	temperature switch is normal closing (NC) below 75 degree
EV	fan
V1 V2 V3	control signal from controller
K0	public terminal of control signal

KCS1A



KCS1A-0.4-□-3

1FT1	温度开关*50*度以下常开
1FT2	温度开关*75*度以下常闭
EV	风机
V1 V2 V3	来自控制器的控制信号
K0	控制信号公共端

1FT1	temperature switch is normal opening (NO) below 50 degree
1FT2	temperature switch is normal closing (NC) below 75 degree
EV	fan
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