

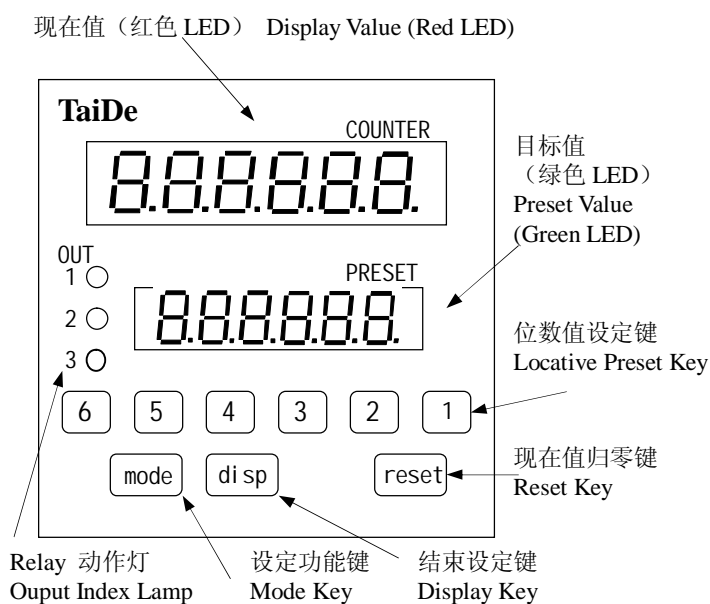
6 位数按键设定式计数器

6 DIGIT KEYBOARD PRESET COUNTER

产品规格 Specification

型号规格 Item No	FC - 61K FC-62K
显示范围 Display Range	0 ∞ 999999
设定范围 Setting Range	1 ∞ 999999
显示尺寸 Display Height	Count LED 0.39" (RED) Preset LED 0.3" (Green)
计数输入 Input Signal Mode	有接点输入 Contact Input:25HZ 无接点输入 NO Contact Input:3kHZ
输出方式 Output System	Relay Ouput (AC 250V/3A)
输出时间 Output Hold Time	0.1 ∞ 9.9 Seconds (Variable)
复归方式 Reset System	External, Manual, AutoReset
输入信号 Input Level	NPN, Open Collector
停电记忆 Power Failure Memory	EEPROM Memory Keep Ten Years
信号电源 DC Out For Sensor	12V DC ±5 % Max Electric Current Capacity 100Ma
电源电压 Power Supply	AC 110V/220V ±15 % 50Hz/60Hz
消耗功率 Power Consumption	5.5 VA
耐温湿度 Operating Temperature Humidity	-10℃ ∞ +50℃ 35 % ∞ 85 % RH
外形尺寸 External Dimensions	72mm × 72mm × 145mm (盘面开孔 Mounting Flush Dimension:68mm × 68mm)

面板说明 Panel Explanation



位数值设定键 Locative Preset Key

面板下方有编号 1~6, 6 个按键, 分别代表“个”“十”“百”“千”“万”“十万”位数, 若要改变目标值, 按下欲设定的位数键。当按下设定键时, 此位数值变为闪烁状态, 若一直按着, 数值由 0 至 9 往上改变直到欲设定的值, 放开按键 3 秒后或按下“Disp”键后即完成设定。

There are six numbers, six buttons on the front Panel. The change the preset value you can change them by pressing the push button directly below it, And release the push button when the digit reaches the desired value. Pressing the “Disp” button or release the button through 3 seconds then the mode will be set.

Mode 键 选择设定功能类别

(1) : Relay 动作保持时间, 范围 0.1 ∞ 9.9sec

注: 目标值在计数时, 可直接在面盘上按数字键 0~6 设定。

(1) : Relay action, holdtime, range 0.1 ∞ 9.9sec

Note: Preset 0~6 key to setup the value.

Disp 键 Disp Key

在欲结束设定功能时, 按此键或 3 秒内不再按任何键即自动结束设定。

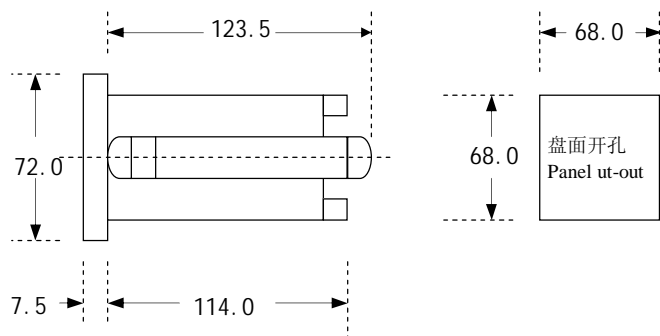
When the function setups over, Please press the “Disp” key, or not press any key through 3 seconds, then the function will be set automatically.

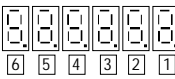

Reset 键 Reset Key

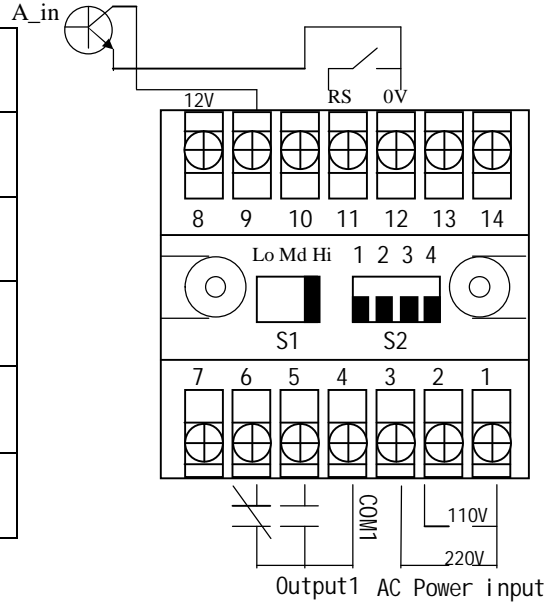
在按下此键时, 现在值清除为零。

Press the key to clear the current displayed value.

外形尺寸图 Dimension Diagram (Unit: mm)



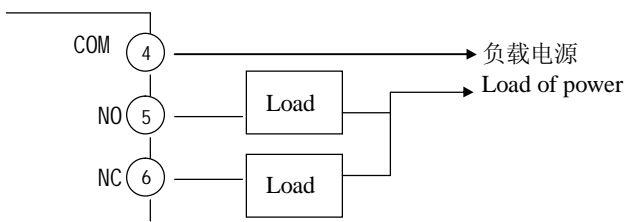
设定类别 Setup type	步骤 step
目标值 Preset value	 计数中直接按数字键 1~6 设定
Tr	mode → 



信号输入方式 Signal Input Type

端子 A_in(9脚), RS(11脚) 输入方式皆为 NPN 输入 (无电压入力)
The signal input way of the terminal A_in(9pin),and RS (11pin) all are "NPN" input.

Relay 接点 Relay Contact



S1: 输入频率开关

S1- Hi: 信号无滤波电容, 频率可达 3KHz.
S1- Md: 信号有滤波电容, 频率可达 300Hz.
S1- Lo: 信号有滤波电容, 频率可达 25Hz.



S1: Response Time Switch

S1- Hi: Removes damping capacitor and allows operation up to 3KHz.
S1- Md: Connects small damping capacitor and Limits counter frequency to 300Hz.
S1- Lo: Connects small damping capacitor and limits counter frequency to 25Hz.



S2 开关 S2 Switch

- S2-1 ON 时, 无法选择设定功能, S2-1 OFF 时方选择设定功能, 在设定功能完成后, 尽量保持 S2-1 在 ON 的位置, 以免人为操作失误。
When S2-1 is ON, the function can't be set. Just as S2-1 OFF, then the function can be selected. When the function mode is selected, trying to hold S2-1 in the "ON" condition to keep from man-made mistakes.
- Relay 复归 N.R.C. Relay return N.R.C
A: N: 手动 (MANUAL) S2-2 OFF, S2-3 OFF.
计数值等于设定值时 Relay ON, 计数值继续上数, 直到手动或外部复归时, Relay 才复归, 值归零。
When the counting value is equal to the preset value, the relay will turn on. The counter will keep counting up until we press down the "RES" button or connects the terminal 12 & 11 together at the same time, then the display value will return to zero.
B: R: 回归 (RETURN) S2-2 ON, S2-3 OFF
计数值等于设定值时 Relay ON, 计数值继续上数, 待到时间 (由 Tr 设定) 后 Relay 复归, 值归零。
When the counting value is equal to the preset value, the relay will turn on. The counter will keep counting up, but after several seconds, the relay returns to the original condition and the display value will return to zero.
C: C 继续 (CONTINUE) S2-2 OFF, S2-3 ON
计数值等于设定值时 Relay ON, 计数值立即归零后继续上数, 而 Relay 到时间 (由 Tr 设定) 后复归。
When the counting value is equal to the preset value, the relay will turn on and the display returns to zero. then the counter will keep on counting, and the relay will return to the original condition after several seconds.
- 计数方式 (Counting Method)
加算 (单相入力) addition (single phase)
此计数模式常配合光电开关, 近接开关, 译码器 (encoder) 使用, 每输入一个脉冲信号计数值累加 1。

