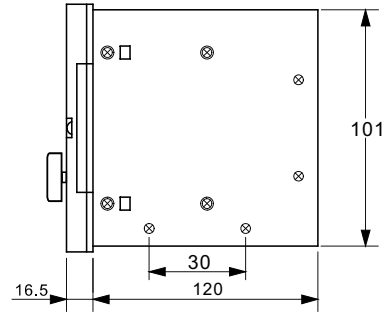
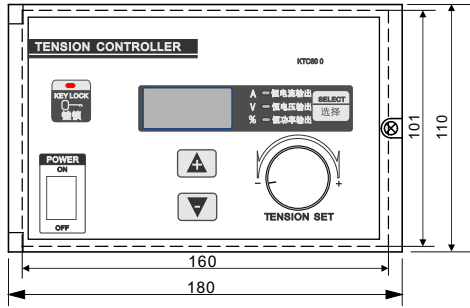


■ Installation range and size

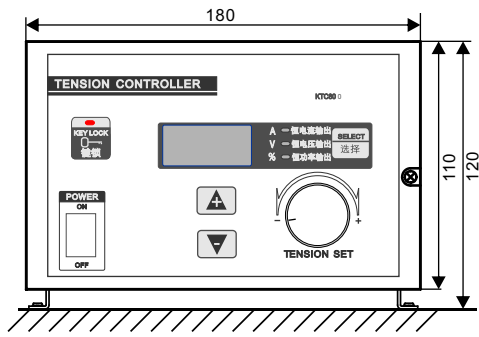
● Dimensions 单位:MM



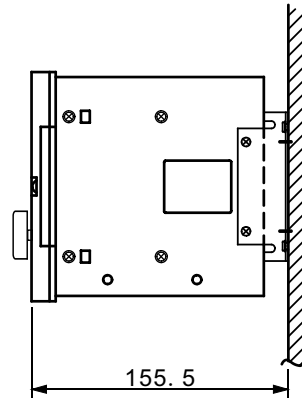
KTC800A  
使用说明书

张力控制器  
Tension Controller

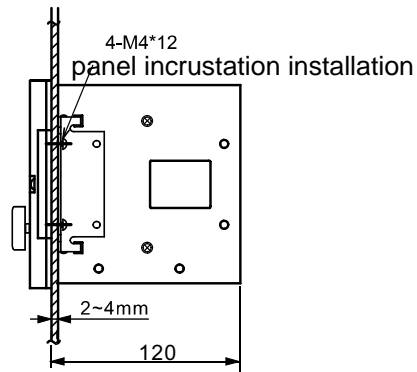
● Mounting



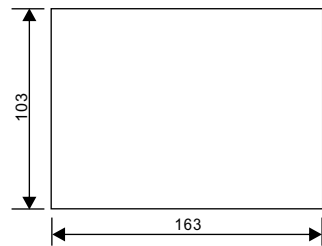
Ground installation



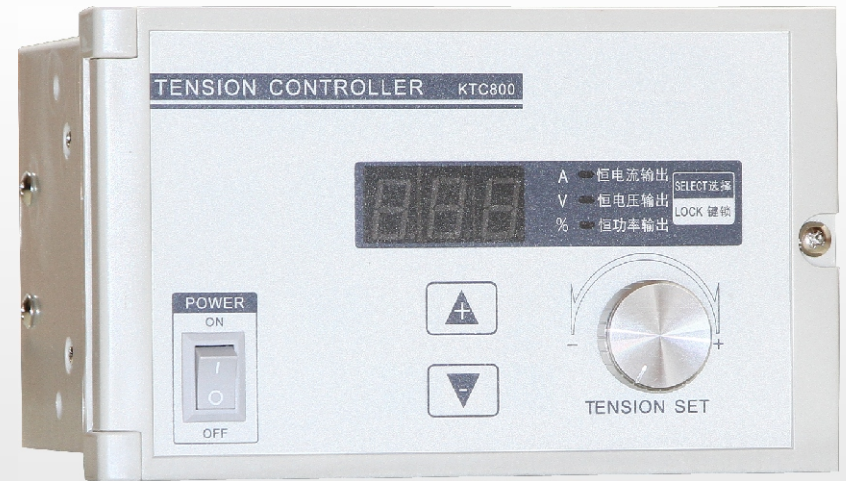
Hang up installation



Embedded installation



Panel mounting hole size



Features

- 1.using adaptable switching power supply
- 2.Input power AC185 ~ 264V, Output DC0 ~ 24V / 4A
- 3.Using pulse width modulation, high efficiency
- 4.With four control options: constant current output, constant voltage output, constant power output, an external unit is
- 5.Use buttons and pulse potentiometer to adjust the tension
- 6.Automatic over-current protection
- 7.A variety of installation, ease of installation, beautiful and practical

## ■ 接线方式

Use panel knob to adjust the output torque

- 使用面板旋钮调节输出转矩



External potentiometer to adjust the output voltage

- 外接电位器调节输出电压



- 使用外部0~10V输入，对应输出0~24V/4A



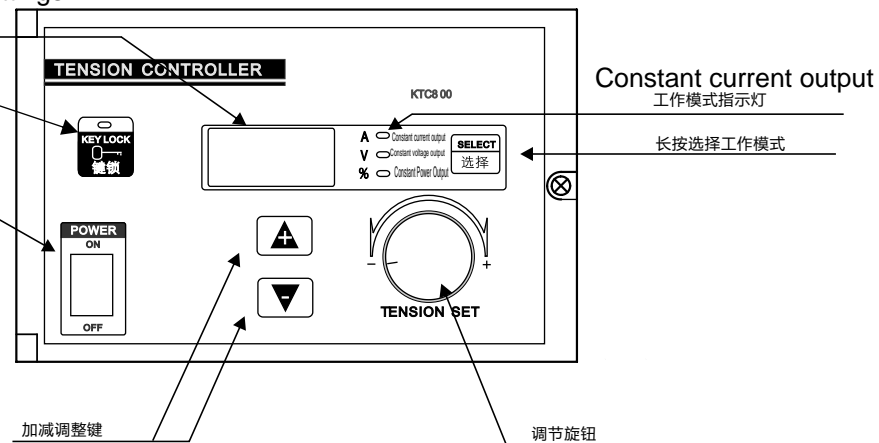
## ■ 操作面板

Digital screen, display settings

数码屏，显示设置值

Key lock, unlock  
键锁,开锁

Power on light  
电源开关



## 規格 Specification

控制方式 Control Manner	脉宽调制切换式调节系统 Pulse width concoct switch adjust system
输入电压 Input Voltage	AC85-264V 50/60HZ
输出 Output	DC24V 0~4A
适用機種 Suitable for Machine	磁粉离合器、制动器 magnetism powder clutch, brake
辅助功能 Assistant Function	短路保护输入信号并可外部信号控制 (面板信号或0~10v) Short Circuit to protect input signal and can be controlled by outside signal. (panel signal or 0-10v)
工作环境 Working Environment	使用周围温度: -5C+40C使用周围温度3.8%以下, 使用环境: 不容许腐蚀性气体、尘埃及雨水 Use temperature around: -5 40,use temperature around below 3.8%,use environment: not allow causticity gas,dust and rain
安装方法 Installation	落地式安装、壁挂式安装、镶嵌式安装 Ground installation, Hang up installation, incrustation installation
重量 Quantity	1kg

## Operating Instructions

### 1 working mode selection

Press "Select" button for 3 seconds, you can cycle through the constant current (constant store output), constant power output, an external potentiometer (external voltage control) and other four operating modes, the corresponding indicator on the panel long bright or shiny (its when selecting an external potentiometer connected to the control, constant current mode indicator flashes when selecting another mode, the corresponding indicator is lit).

### 2 constant current mode (constant current output)

First switch to constant current mode, "Constant current output" indicator lights on the panel length, then rotate the knob, you can adjust the current setpoint setting range 0.00 ~ 4.00A, step 0.01A. It should be noted that, if the clutch / brake power is small, the real flow through the clutch / brake current will be less than the set value, then the controller will flash setting to indicate that did not reach the set current, flashes 3 after the second, it will automatically adjust to maximum current value can actually be achieved. For example, such a controller connected to a 12Nm of magnetic clutches, and working conditions set conditions for 24V / 1.2A marked on the nameplate, at this time if the current is set to 1.3A, in fact, the current flowing through the coil and the clutch is not enough 1.3 A

### 3 constant voltage mode (constant voltage output)

Switch to the constant voltage mode, the panel "constant voltage output" indicator light, then rotate the knob, you can adjust the output voltage setting range is 0.0 ~ 24.0V, stepping 0.1V.

### 4 constant power mode

Before using constant power mode, you need to sign clutch / brake. Offense is to disconnect the power supply, connect the clutch / brake, then hold down the "Select" key while turning unit, the controller will automatically detect the clutch / brake maximum power.

Calibration process, the "constant power output" indicator flashes, the current value detected will be displayed on the digital screen. After calibration is complete, you can either use constant power mode. After calibration time later without having to repeat the calibration (if different models to replace the clutch / brake is required recalibration). In the constant power mode, turn the adjustment knob to adjust the output power range of 0% to 100%.

### 5 external potentiometer control (external voltage control)

First switch to an external potentiometer control mode, this time on the panel "A constant current output" indicator flashes, the controller digital screen real-time display the measured current value.

In this mode, the up and down buttons on the front panel and knob are ineffective, the output voltage by external potentiometer (or external 0 ~ 10V) to control the corresponding output 0 ~ 24V