



EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

T2310

Parameter introduction and application course of countdown type time control relay

T2310 is a time-control relay, equipped with one normally open relay, according to the different operating voltage can be divided into DC12V, DC24V and ACA110~220V three specifications; Optimized setting operation, timing on, timing off, infinite cycle switch setting more convenient, more simple; 1~999 times of alternating work and infinite cycle work are set independently to meet the use requirements to the greatest extent.



中文-Chinese

英文-English

俄语-Русский

01

技术参数
Technical parameter

✓ Basic parameters

Working voltage: DC12V, DC24V, AC110~220V

Bearing power: 240W, 480W, 2200W (according to the bearing power on the label)

Timing range: 0~999 (seconds, minutes, hours)

Minimum unit: 1 second Error: 20ppm

Timing type: non - clock countdown

Timed startup: supported

Scheduled shutdown: supported

Infinite loop: Support infinite switch loop

Quantitative cycle: Support 1~999 cycle switch

Shell material: ABS

Independent timing unit: supported

Program trigger: support automatic trigger and manual trigger switch, factory default automatic trigger

Setting lock: Supported

Power failure save: Only the last setting is automatically saved.

Type of relay: 1 normally open relay

Output type: Contact live, active output

Weight: 60g (DC12V/24V) 70g (AC110~220V)

Product size: 67×45×34mm

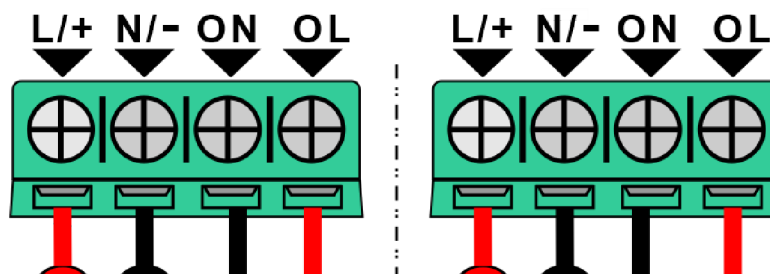
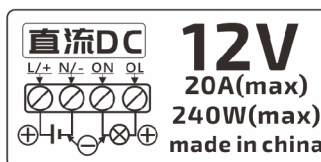
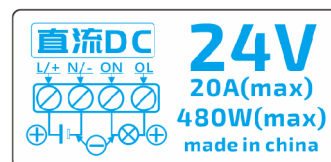
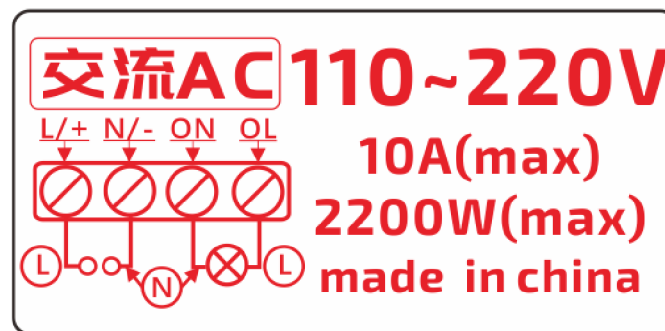
Mounting hole size: 63×42mm (embedded installation)

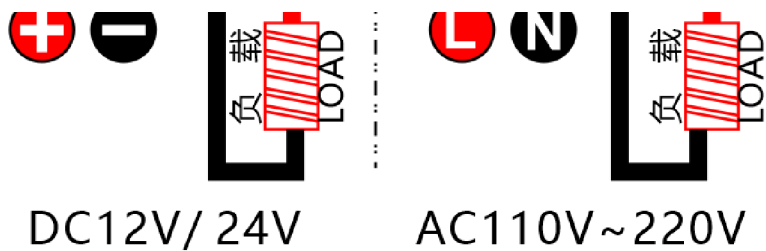


Operating voltage 、 power and wiring

The operating voltage indicates the voltage on the label

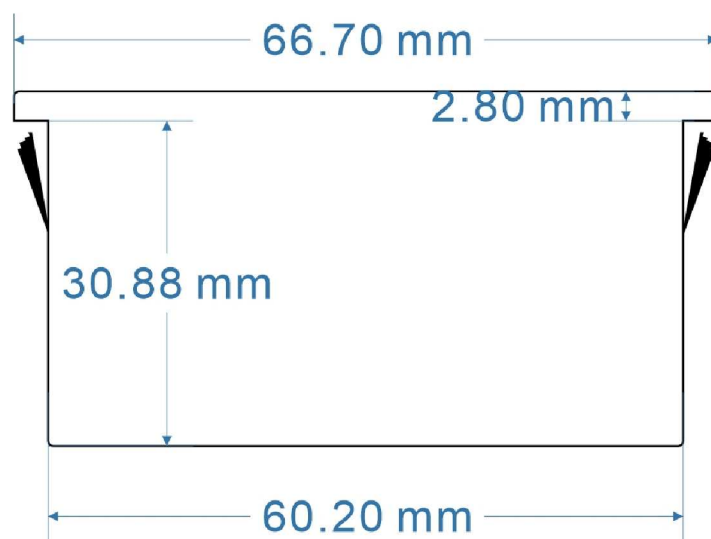
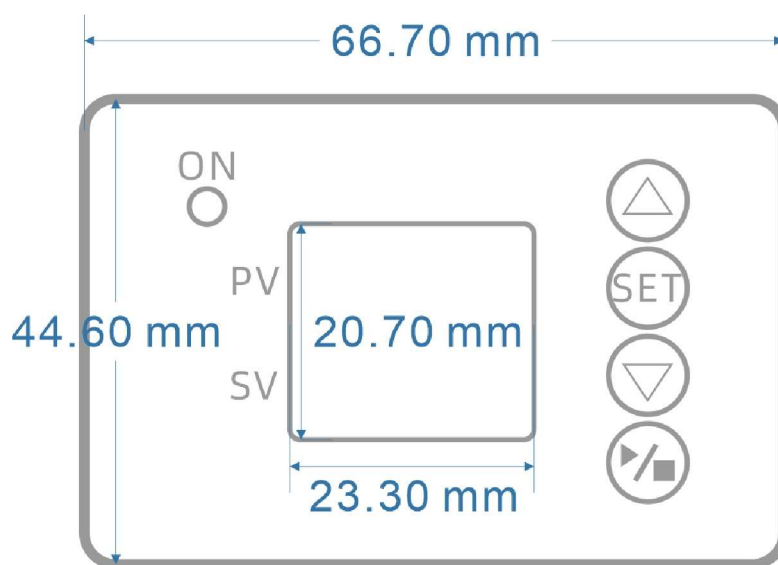
Operating Voltage = Input Voltage = Output Voltage = Voltage specified on the label



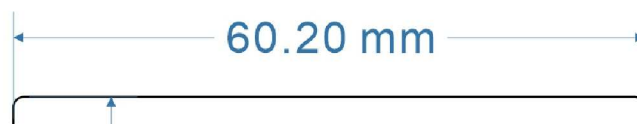


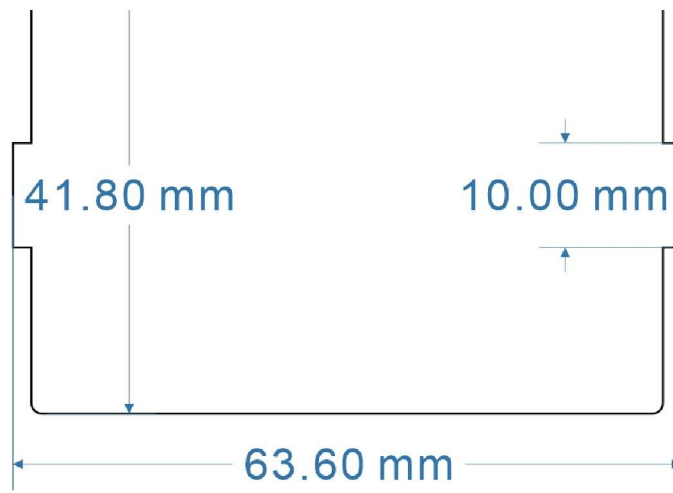
✓ **Product size and mounting aperture**

Product size



Mounting aperture





Product show







CE



BST

A RELIABLE TESTING FOR TRUST
GLOBAL TESTING AND CERTIFICATION SERVICE CLOUD FACTORY

Certificate of Compliance

Certificate NO. : BSTXD200714713201SC

Applicant : Shenzhen **TUNSEK** Electronic Technology Co.,Ltd
9th Floor, Building A9, Xinghuaxiong Industrial Park, Baihuadong First Industrial Zone, Guangming District, Shenzhen, Guangdong Province

Manufacturer : Shenzhen **TUNSEK** Electronic Technology Co.,Ltd
9th Floor, Building A9, Xinghuaxiong Industrial Park, Baihuadong First Industrial Zone, Guangming District, Shenzhen, Guangdong Province

Product Name : T2310 Time controller

Trade Name : **TUNSEK**

Main Test Model : T2310 AC110~220V

Additional Model : T2310 DC12V, T2310 DC24V

Test Standard : EN 60335-1:2012+A11:2014+A13:2017+ A1:2019+A2:2019+A14:2019

As shown in the Test Report No. : BSTXD200714713201SR

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2014/35/EU. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.



BST TESTING (SHENZHEN) CO., LTD.
Christina Deng
Manager
Aug. 13, 2020

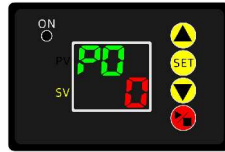
BST Testing (Shenzhen) Co.,Ltd.

Add: No.7, New Era Industrial Zone, Guantian, Bao'an District, Shenzhen, Guangdong, China

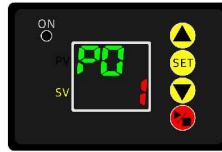
Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-9628, 8009990305, E-mail: christina@bst-lab.com

代码介绍 Code

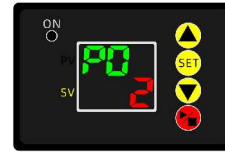
P0: Turn ON timing unit



P0=0 Unit=seconds
(Factory Settings)

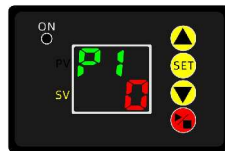


P0=1 Unit=minutes

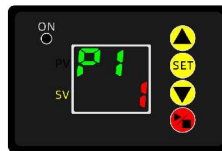


P0=2 Unit=hours

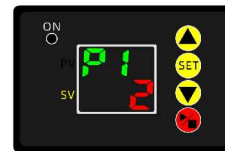
P1: Turn OFF timing unit



P1=0 Unit=seconds
(Factory Settings)



P1=1 Unit=minutes

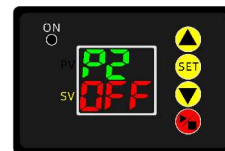


P1=2 Unit=hours

P2: The program triggers the run-time output priority state

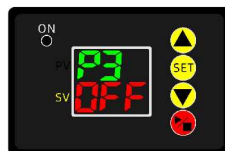


P2=ON Turn ON first
(Factory Settings)

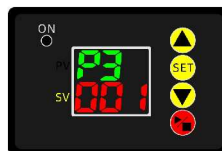


P2=OFF Turn OFF first

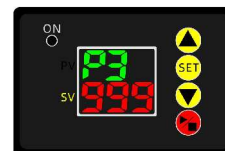
P3: Cycles



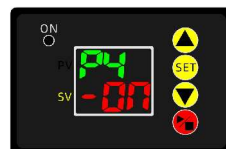
P3=OFF
An infinite loop
(Factory Settings)



P3=n Cycle n times, n=1~999



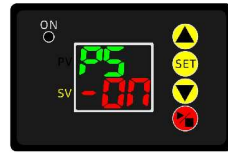
P4: Program run trigger mode



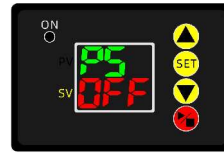
P4=ON AUTO
(Factory Settings)

P4=OFF Manual

P5:Lock



P5=ON =Lock



P5=OFF=Unlock
(Factory Settings)

03

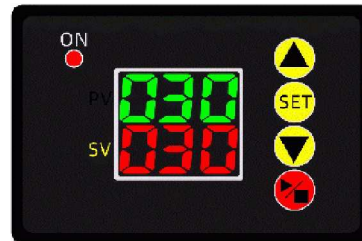
状态指示 Status

01、 **Turn-on timing**: the output is powered ON, the ON indicator light is on, and the interface indication of the timing unit is as follows:

Unit = seconds
Digital seconds decrement



Unit=minutes
Digital minute decrement
The last LED point flashes once for 5 seconds



Unit=hours
Digital hour decrement
The first LED point flashes once for 5 seconds



02、 **Turn-off timing**: output is not energized, ON light off, the interface is as follows:

Unit = seconds
Digital seconds decrement

Unit=minutes

Digital minute decrement

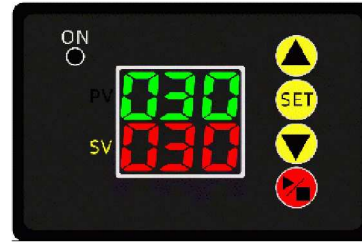
The last LED point flashes
once every 5 seconds



Unit=hours

Digital hour decrement

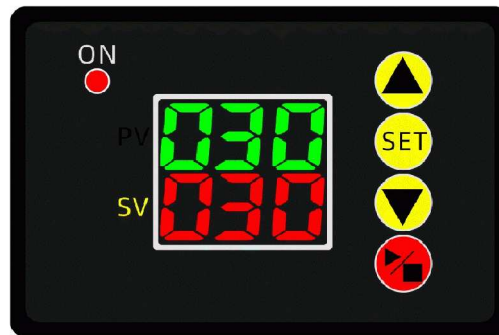
The first LED point flashes once
for 5 seconds



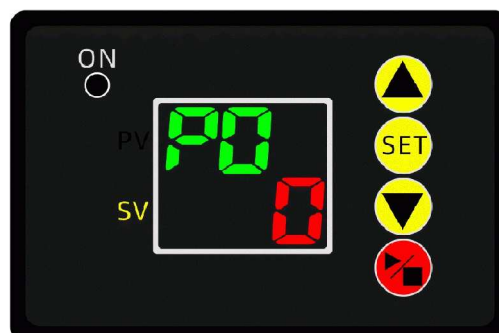
04

设置方法 Setting

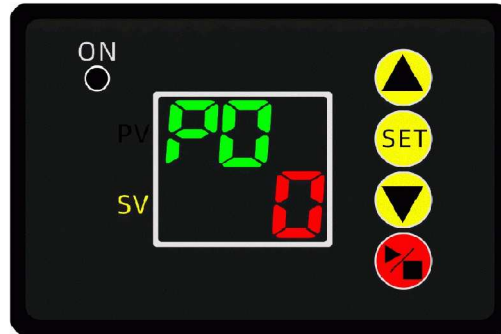
01、Enter code setting: Long press the "SET" key for 6 seconds to enter the code setting interface



02、Adjusting code parameters: Click "▲" or "▼" adjust code values

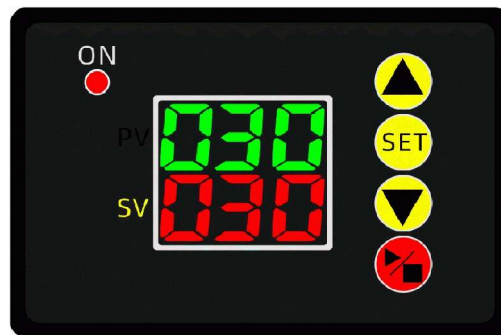


03、 Toggle setting code: Click the "SET" key to switch the code to be set



Note: At P5, click "SET" to save and exit the code setting.

04、 To enter timing Settings: Double-click the "SET" key to enter timing Settings

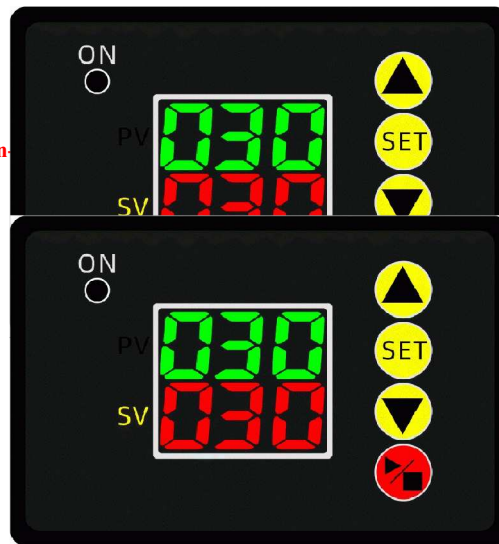


05、 Set Turn-on timing : The green LED blinks. Click “▲”or“▼”adjust timing values



06、 Switch to turn-off timing setting: Click "SET" to switch to turn-off timing setting

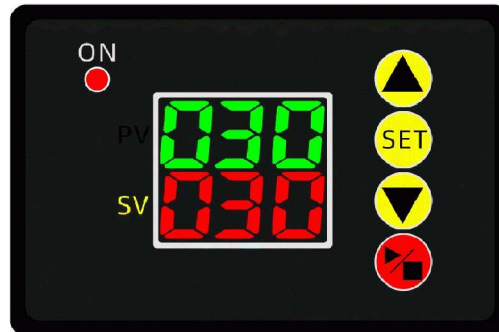
07、Set Turn values



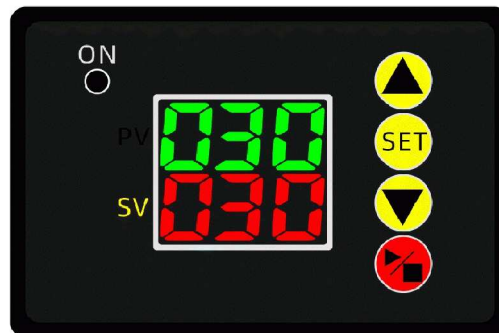
just timing

Note: After completing the setting, click "SET" to save and exit the setting

08、 Start the running program: Double-click “▶ | ■”Switching running state



09、 Code P4=OFF for manual trigger mode, click“▶ | ■”Trigger program to run



10、 Long press“▶ | ■”3 seconds to restart

05



设置逻辑 Setting

01、 Program trigger

P4=ON Power automatically triggers the program to run

P4=OFF Manually triggers the program to run

02、 Timing OFF

PV≠0, SV=0 power on for a certain time after shutdown

03、 Timing ON

PV=0, SV≠0 Power off for a certain time after the boot

04、 cycle switch

PV≠0, SV≠0 P3=OFF infinite cycle switch;

PV≠0, SV≠0 P3=n (n=1~999) cycle switch n times

05、 cycle mode output turn-ON first

P2=ON

06、 cycle mode output turn-Off first

P2=OFF

07、 Set lock

P5=OFF This parameter is not locked and can be set at will

P5=ON Lock setting. You can set this parameter only after the lock is unlocked