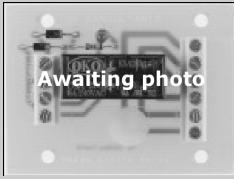




Precision Timer 1*60

This is the new version of the TK Timer 1*60



Supply Voltage

6 – 28V DC

Auto regulator – no links to set or cut. Thermal overload protected.

Nominal Current

70mA

Output

Single Pole Change Over relay contacts, volt free (dry).

Rated at

10A at 240V AC

10A at 30V DC

Indicator

Red LED

Dimensions

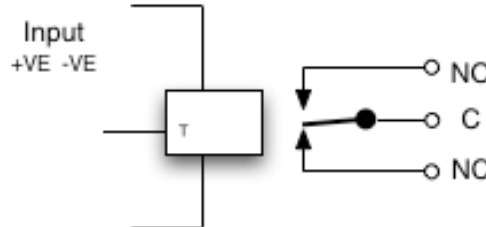
48mm W x 53mm L x 20mm H

NOTE: This timer is polarised, suitable for fire alarm circuits and must be wired correctly for it to operate.

Plastic mounting feet are available – order SFSA for a pack of 20

A 0-60 second or 0-60 minute delay on or delay off timer

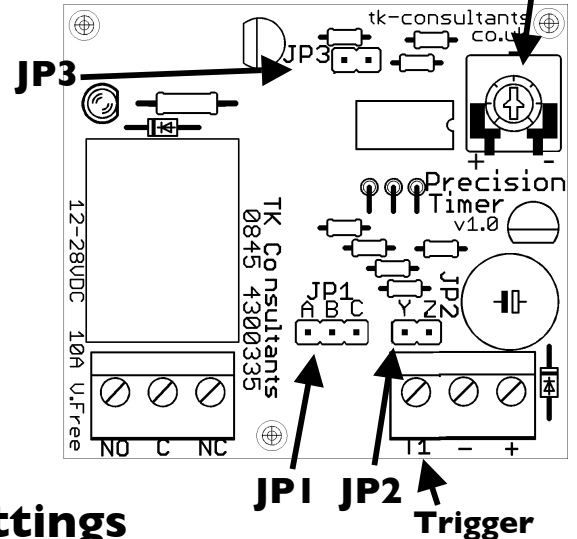
Circuit diagram



This timer is polarised and is therefore suitable for alarm bell circuits. It must be wired the correct way round for it to operate.

NOTE: Regulator will get hot – this is normal.

Connections



Settings

Range

0-60 seconds:

JP2 removed

0-60 minutes:

JP2 on YZ

If you setup the timer for seconds it will then run for a corresponding number of minutes when the jumper is put in place.

Mode

Delay Off: JP1 removed

When triggered the relay comes on immediately and turns off at the end of the set time range.

Delay On Pulse: JP1 on AB

When triggered the timer runs and at the end turns the relay on for 2 seconds. If the trigger is still present it will keep the relay on until removed.

Delay On Latch: JP1 on BC

When triggered the timer runs and at the end turns the relay on until power off or reset.

Reset: Short the JP3 pins to reset the timer mid-run or at the end – this will turn the relay off if it is on. The unit reads the settings without requiring a power off cycle.

Trigger

Trigger occurs when the T1 terminal is connected to +V or 0V.

The trigger must be removed before a timing cycle can restart.

The trigger 'floats' at 2.5v. This is normal!

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PT1*60

Precision Timer 1*60

0-60s/m delay on/off timer

6-28VDC