PT2724
Two Channel Annual Event Timer

PT2724

Description

Altronix PT2724 extremely versatile two channel 365 Day 24 Hour Timer/Controller is designed to support a wide range of applications. Such applications include: Home and Building Automation, Security, Access Control, Lighting Control, etc. PT2724 is equipped with two independently controlled form "C" relay contact that provides many latching and/or momentary operations during a program schedule of your choice. The EE-Prom memory allows for programming of unit prior to/or during field installation. Events may be set for single or multiple operations on a daily and/or weekly schedule. The block programming feature enables repeating an event on any combination of consecutive days. PT2724 will compensate for daylight savings time if desired. It automatically adjusts for leap year and individually selected holiday exceptions and can be programmed to override regularly scheduled events.

Specifications

Input

Voltage   12 or 24VAC or VDC operation.

Relay

Contact Rating   Form "C" 10A/120VAC or 28VDC contacts.
Standby Current   10mA (relay off)
                              50mA (relay on).

Tandem relay mode allows both channels to activate simultaneously for all events.

Timer

EE-Prom memory protects against loss of programming due to power failure.

Accurate crystal controlled clock.

Momentary and/or Latching Events.

50 individually programmed daily/weekly events.

Block programming capacity can accommodate a total of 350 events per week.

10 programmable Holiday dates.

"First man in" option.

Standard or Daylight Savings Time settings.

Automatic compensation for leap year.

Indicators (LCD)

Alphanumeric LCD display simplifies programming.

Back-up Battery *(not included)*

Type   Sealed lead acid or gel type.
Failover   Upon AC loss, instantaneous.

Optional lithium battery (Altronix LB2032) backup maintains clock.

Physical and Environmental

Dimensions (L x W x H)
    5.25" x 3.6" x 1" (133.4mm x 91.4mm x 25.4mm).
Product Weight   0.48 lbs. (0.22 kg).
Shipping Weight   0.5 lbs. (0.23 kg).
Temperature
   Operating   -20ºC to 49ºC (-4ºF to 120ºF).
   Storage   -25ºC to 70ºC (-13ºF to 158ºF).
Relative Humidity   85% +/-5%.

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Board Dimensions (L x W x H) and Drawing

5.25" x 3.6" x 1" (133.4mm x 91.4mm x 25.4mm)

0.14"
3.6mm

Ø0.156"
3.9mm

0.14"
3.6mm

4.9"
124.5mm

2.4"
61mm

3.6"
91.4mm

5.25"
133.4mm