PT2724

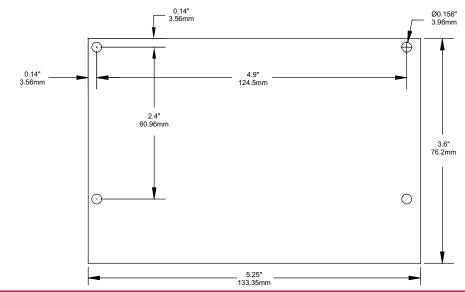## *Overview*

PT2724 is extremely versatile two channel 365 Day 24 Hour Timer/Controller designed to support a wide range of applications. Such applications include: Home and Building Automation, Security, Access Control, Lighting Control, etc. The 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:
• 12 to 24 volts AC or DC operation.

Relay:
• Form "C" relay contacts are rated 10 amp @120VAC/28VDC.
• Standby current: 10mA (relay off) 50mA (relay on).
• Tandem relay mode - allows both channels to activate simultaneously for all events.

Features:
• 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 per channel.
• Block programming capacity can accommodate a total of 350 events per week.
• 10 programmable Holiday dates per channel.
• "First man in" option.

Features (cont.)*:*
• Standard or Daylight Savings Time settings.
• Automatic compensation for leap year.

Visual Indicators:
• Alphanumeric LCD display simplifies programming.

Battery Backup:
• Built-in charger for 12VDC sealed lead acid or gel type batteries (Max charge current 100mA).
• Optional lithium battery backup maintains clock. Order Altronix part # LB2032.

Electrical:
• Operating temperature: - 20º C to 49º C ambient.

Mechanical:
• Board Dimensions (L x W x H approx.): 3" x 5.25" x 1" (76.2mm x 133.35mm x 25.4mm).
• Product weight (approx.): 0.48 lbs. (0.22 kg).
• Shipping weight (approx.): 0.5 lbs. (0.23 kg).

Mounting Diagram

0.14"
3.56mm

Ø0.156"
3.96mm

0.14"
3.56mm

4.9"
124.5mm

2.4"
60.96mm

3.6"
76.2mm

5.25"
133.35mm