AT-372 Ultra Timer

Time period 1 second to 64 weeks - accurate DIL switch time settings - 3 modes of operation - wide operating voltage.

- Working voltage 9.5 - 30V DC - auto selected by timer (no need to set input)
- “Pulse” activation after time out - option on two of the modes
- Selectable trigger and reset input polarity
- 1 second to 64 week time period. Selectable by DIL switch - crystal controlled for accurate time
- Double pole relay will switch mains - contacts rated at 8 Amps
- Three modes of operation

Setting Time Period - seconds, minutes, hours, days and weeks - could not be simpler - just look up the time required in the “time table” and set the DIL switch accordingly

Operating Mode A - trigger applied - times out and activates the relay - if auto link is fitted relay drops out after 20 seconds and is then “waiting for next trigger”

Operating Mode B - trigger applied - relay activates for time period then drops out. It is then ready for the next trigger.

Operating Mode C - once applied the trigger must remain for the duration of the time setting to activate the relay. An example of this would be monitoring a fire door. If the door is opened the timer starts (say it has been set for 3 minutes) if the door closes before the three minutes nothing happens, however if the door is open after the 3 minutes the relay will activate - if auto link is fitted relay drops out after 20 seconds and is then “waiting for next trigger”

Activation - trigger and reset input polarity is set by jumper links.

Specification

Input Levels for Trigger or Reset

Low:
Less than 220 ohms to ground OR an input of less than 0.8 volts

High:
Greater than 4700 ohms to ground OR an input of greater than 4 volts
Maximum input voltage 30V
Minimum input voltage -4V
Peak current available from either pin, 5mA

Output Levels

Double pole contacts
AC: Maximum switching voltage 250 volts, maximum current 8 Amps (non inductive load)
DC: Maximum switching voltage 30 volts, maximum current 5 Amps (non inductive load)
Minimum switching level 5V @ 10mA

Environmental Operating Conditions

Temperature range -10°C to +60°C
Maximum humidity 80% non condensing

Supply Voltage

Between 9.5 to 30V, automatically selected by the timer, no need to set jumpers or cut links.

Unit Supplied

In strong cardboard carton with 4 sticky fixers

Dimensions

77.9 X 47mm

Packing Weight

80 grams