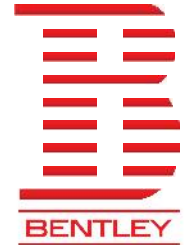


AT-372 ULTRATIMER



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

- Working voltage 10.5 - 28V DC - auto selected by timer (no need to set input)
- "Pulse" activation after time out - option on three 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
- Four 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.

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".

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

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".

Mode D - the same as mode C, but the relay does not require a reset, and will stay energised until the trigger has been removed (door closed).

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 28V

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 28 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 10.5 to 28V, automatically selected by the timer, no need to set jumpers or cut links.

Unit Supplied - In strong cardboard carton with 4 sticky fixers

Dimensions - 78 X 47mm

Packing Weight - 80 grams