MICROPROCESSOR BASED TIMER Model 1050

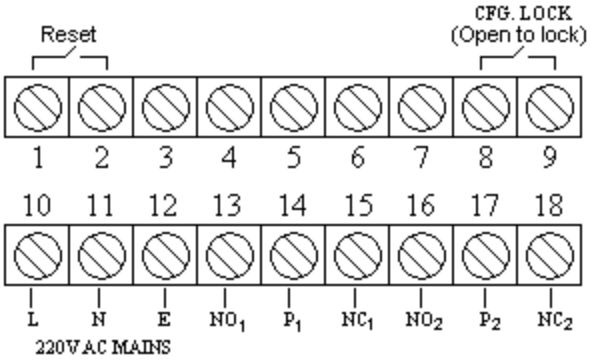
Features:

- 4 different timing ranges of 99.99sec, 999.9sec, 99Mins59Secs, 99Hrs59Mins
- Press to start/Power On start/Cyclic modes settable
- Delayed On/Off programmable by user from front panel
- Up/Down time counting user settable
- User settable starting On/Off time for cyclic mode
- Number of cycles settable for cyclic mode
- Non-volatile memory to save configuration and timing
- Configuration lockable by rear jumper
- Front Reset/Start switch with parallel terminals at rear
- Aesthetically designed panel with membrane switches

Specifications:

- Display : 4 Digit 0.56" Red 7 segment LED display
  4 Red LEDs to indicate selected timing range
  Red LED to indicate current status of Relay On/Off
- Modes : User settable from front panel
  - Power On start
  - Press to start (with battery backup selection using EEPROM)
  - Cyclic action
- Number of Cycles : 1-99 cycles settable for cyclic mode after which the timer stops
  Setting number of cycles to Zero disables number of cycles setting
- Reset/Start : Front Reset/Start switch with parallel terminals at rear to connect additional switch, if required.
- Relay logic : Settable delayed On/Off, 5 Amps/220V AC Dual Relay Contact outputs
- Timing direction : Up/Down time counting user settable
- Memory : Non-volatile EEPROM to save settings
- Configuration Lock : Open terminals 1&2 to lock all configuration except Set Limits
- Supply : 220V AC ± 15% @ 50/60Hz
- Dimensions : Front Fascia: 96mm x 96mm x 135mm. Cut Out: 91mm x 91mm
- Weight : 800 grams

Pin Description and Wiring Diagram



Pins

1&2. Reset Terminals (Parallel to front panel Reset/Start switch
8&9. Configuration Lock terminals (Open to lock)
10. Line (220V AC)
11. Neutral
12. Earth
13. Normally Open contact 1
14. Pole contact 1
15. Normally Closed contact 1
16. Normally Open contact 2
17. Pole contact 2
18. Normally Closed contact 2

Manufactured By: **COUNTRONICS**
New Delhi