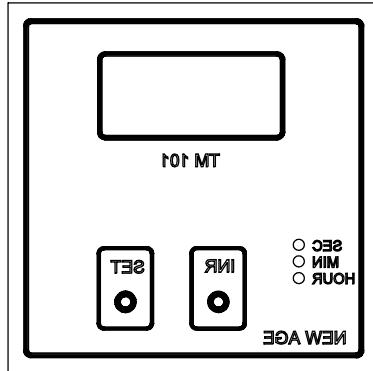


TM101 SERIES UNIVERSAL DIGITAL PROGRAMMABLE TIMERS

- Microprocessor Design
- All CMOS circuit
- Low Power Consumption
- Economical
- 3 Digit Seven Segment
- 0.1 Sec to 999 Hour timing
- 0.1 % Accuracy in all ranges
- 2 push switch panel operation
- Range selection also from front panel
- Optional Power fail feature



New Age has introduced universal programmable digital Electronic Timers. These Timers use cmos microprocessor IC to reduce power consumption , chip count and increase reliability. The timers have a 3 digit seven segment LED display. The Timer has a range selection input of 0.1 second, 1 second, 0.1 Minute, 1 minute, 0.1 Hour, 1 Hour. In the range of .1 second the timer can give timing from .1 second to 99.9 seconds. While in 1 hour range Timer can give from 1 Hour to 999 Hour timing. Further the on delay Timer or off delay timer selection is also possible. All these settings can be done at the user end without opening the timer cabinet just from the front panel of the timer.

The timers are housed in Industry standard 96 X 96 X 110 DIN Cabinets. Standard units Provide one change over contact of relay @ 230 VAC 6A or 24 V DC @ 6A. The timers operate from 230 V AC mains supply. Optionally other voltage options can be provided. All the range and Timer settings are preserved in a EEPROM and do not change at the time of power failures for any prolonged length of time (>10 years). Unlike the thumbwheel switches as the setting are preserved in an EEPROM there is no possible damage to the timers during transport and handling where as units with thumbwheel settings are likely to get damaged during transportation and handling.

Optional power fail feature gives added benefit of preserving the balance time if power fails before timeout and continues with the balance time as soon as power resumes. This is specially useful when timings are in minutes and hours.

Microprocessor based programmable counters also can be provided.

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