

SEQUENTIAL TIMER

A sequential timer, also referred to as a sequencer or sequence timer, will energize and de-energize multiple outputs over a period of time. The amount of time before each output is energized and the amount of time the output remains energized is variable. The outputs may be energized one at a time in order. For mechanical relay applications, the relay contacts of the first relay will close. Then, after a set amount of time, the first relay's contacts will open and the second relay's contacts will close.

FEATURES

- Microcontroller based design
- High Accuracy
- Individual and Multifunction
- 7 Digit Display 0.39"
- Flexible Design
- Flexible Control Input
- Non Erasable Memory Storage



Technical Specification

Type	ICD Microcontroller Based Programmable Sequential Timer-150
No. Of Channels	Minimum 4 to 16
On Time Range	0-9999 Sec./Min./Hr.
Off Time Range	0-9999 Sec./Min./Hr.
Interval Time Range	0-9999 Sec./Min./Hr
On/Off Time Range	Through keypad Provided in the Front Panel of the Sequential Timer
Resolution	0.01 / 0.1 / 1 Sec or 10ms/ 100ms/ 1000ms 0.01 / 0.1 / 1 Min. 0.01 / 0.1 / 1 Hour
Accuracy	+0.01%
DISPLAY	1 Digit 0.39" 7 Segment Red LED Display for Time Base 2 Digit 0.39" 7 Segment Red LED Display for Channel Number 4 Digit 0.39" 7 Segment Red LED Display for Timing
Status Indication	ON, OFF & INTERVAL time indication by LED's

Control Accuracy	±0.5%
Repeatability	±0.5%
Channel Pause	Through Keypad
Keypad Details	Channel No. , ON Time, OFF Time, Interval, Channel Pause, Shift, Increment and Manual Start keys are available on the front panel.
Cycle Repetition	Auto/Manual
Auto/Manual Selection	By Keypad
Auto Mode	It Repeats Automatically at the end of Cycle
Manual Mode	On initiating channel no. and start button one by one the channel in manual mode ON time progress
No. Of Relays	16 Relays are available in this instrument and separate relay box is provided for additional channels
Output	Potential free NO Contact from PCB Mounted relay for each channel rating 5A/230V AC
Output to Expansion Relay Box	Through I2C BUS
Mains Failure	A Non-Volatile RAM Chip is available to store the settings like set points channel pause etc. Which is unaltered even under power failure condition
Operating Temperature	0-55 °C
Auxiliary supply	90-270 V AC
Mounting	Din-rail Mounting
Box Dimension	145(W) x 110(H) x 80(D) mm



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