

General Specifications

SZRU M1

Multi Functional Timer is microcontroller based and has 4 functions. Working functions, time ranges and time adjustments can be done at front of the timer.

A) Time Adjustment : This is a multiplier which multiplies the time range according to the adjusted function. Multiplier is between 0,01 to 1. With this button you can divide time ranges till 100 times.

B) Time Range Adjustment : This for choosing the time ranges. Time adjustment are between 6 seconds till 30 hours.

C) Function Adjustment : This is for choosing appropriate function to your need. Relay has 5 steps, four of them is for functions and one of them is to CUT relay output in every condition.

OFF : It cuts relay output in every condition. Specially good for checking the system.

F1 : Delay ON Function: When relay is energised, ON led is lights, after adjusted time OUT led is light.

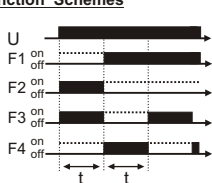
F2 : Delay OFF Function: When relay is energised, ON led and OUT led is light on, after adjusted time OUT led is off.

F3 : Equal Time ON Flasher Function: When relay is energised, ON led and OUT led is on, after adjusted time OUT led is off, than again after same adjusted time OUT led is on, and this continues in cycle.

F4 : Equal Time off Flasher Function: When relay is energised, ON led is on and OUT led is off, after adjusted time OUT led is on, than after again same adjusted time OUT led is off, and this continues in cycle.

Note: "On" and "Off" time ranges are equal for F3 and F4 functions.

Function Schemes



Relay Contacts: on
off

t: Adjusted Time

U: Supply Voltage

Time Range		
Step	Min. Multiplier =0,01	Max. Multiplier =1
6 s	0,06 s	6 s
30 s	0,3 s	30 s
60 s	0,6 s	60 s
10 m	0,1 m	10 m
60 m	0,6 m	60 m
6 h	0,06 h	6 h
30 h	0,3 h	30 h

Connection Schemes

