



- ❖ 3/4 digits
- ❖ User selectable ranges, 0.01 s to 9999 h
- ❖ 4 user selectable functions
- ❖ Incrementing / decrementing display
- ❖ ± 0.01% quartz crystal accuracy
- ❖ 230 V AC ± 10%, 50 Hz
- ❖ Also works as 2 independent timers

TABLE 1

DIGITS	RANGE	UNIT	RESOLUTION
2	9.9	S/M/H	0.1
	99	S/M/H	1
3	9.99	S	0.01
	9.59	M/H	
	99.9	S/M/H	0.1
	999	S/M/H	1
4	99.99	S	0.01
	99.59	M/H	
	999.9	S/M/H	0.1
	9999	S/M/H	1

SPECIFICATIONS

Programmable Parameters

**Start timing** Power on / Input 1  
**Input 1** Reset / Reset + Start / Start  
**Input 2** Gate / Stop  
**Mode** t1 : Operates Timer 1  
 t1.t2 : Operates Timers 1 & 2

**Range** See Table 1  
**Unit** Seconds / Minutes / Hours  
 (Independent for SP1 & SP2)

**Resolution** See Table 1  
 (Independent for SP1 & SP2)

**Functions** See Fig 1  
 ON Delay  
 Interval  
 Cyclic CYC1 (Relay ON at power ON)  
 Cyclic CYC2 (Relay OFF at power ON)

**Direction** Up (Incrementing)  
 Down (Decrementing)

**Program lock** ON, OFF  
**Setpoint** SP1, SP2 (On pushwheel switches)

Electrical, Mechanical

**Display** 4 digit, 0.56" (14.2 mm),  
 7 - segment red LED

**Pushwheel switches** 2 x (3/4 digits)  
**Accuracy** 0.01% of set-time ±1 display count  
**Timing start delay** 0.05 seconds max  
**Reset time (minimum)** 50 milliseconds  
**Outputs** Relay 1 (RL1)  
 2 x changeover contacts (2 x NO-C-NC)  
 Relay 2 (RL2) - Optional  
 2 x changeover contacts (2 x NO-C-NC)  
**Relay contact rating** 5A/230 V AC, resistive  
**User programming** 3 keys and display  
**Reset** a) Front panel key b) Terminals at rear  
**Control inputs** a) Reset or Reset+Start or Start  
 b) Gate or Stop  
**Supply voltage** 230 V AC ±10%, 50 Hz  
**Dimensions (in mm)** 96(H) x 96(W) x 120(D)  
**Mounting** In panel cut-out of 92 x 92 mm

OPERATING MODES

MODE = t1 t1 = SP1, t2 = SP2

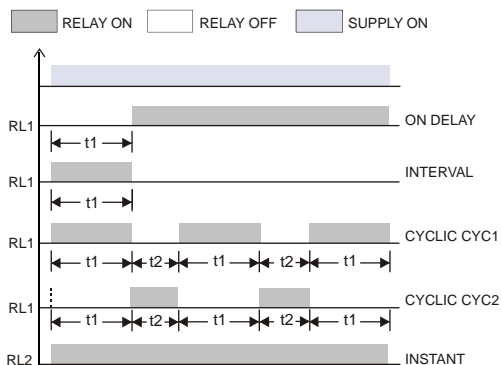


FIG 1

MODE = t1.t2 (2 independent timers)

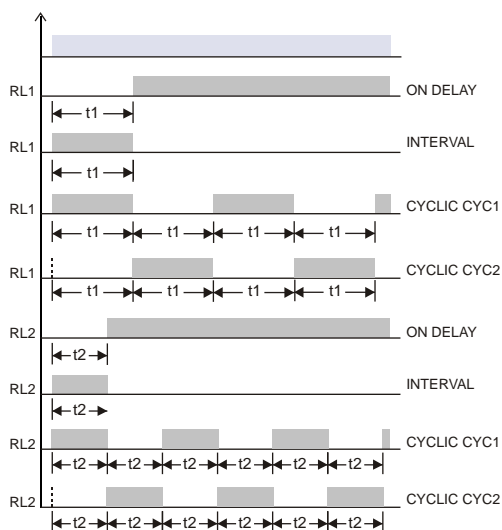


FIG 2



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