

TEMPERATUR Operating Storage HOUSING ABS. MOUNTING Panel mou WEIGHT 420 grams	: 0 to 50°C. : - 5 to 50°C. Inting.	FRONT PA Output ONOFF- time. Timing in Timing in Dutput status
Outline D 96 ↓ 96 →	CAL INSTALLATIONimensions (in mm)Panel cutout (in mm)	KEYS VIEW D 2. li
TERMINAL CO 1 2 3 STRT HOLD RS NO3 NO4 NO 10 11 1	To GND & STRT of Timer 2 4 $5$ $6$ $7$ $8$ $9ST CONFIG +24V GND CAS NO1 NO2D5 NO6 NO7 NO8 COM N L$	3. E s 1. Ir 2. S RUN <b>D</b> 1. S (2. S (2. S) <b>RST</b> 1. S
Terminal	Description	2. F
1	Start	CONFIGUR
2	Hold	To enter of and turn
3	Reset	Dis
4	Configuration	1. Reset C
5	+24VDC for Start, Hold, Reset and Configuration inputs.	r. neset C
6	GND for Proximity switches & for Cascading.	
7	Cascade Output	
8 - 15	NO Contacts for 8 relays	
16	COM for 8 relays	
17	N (Neutral)	
18	L (Live)	







Pressing **G** key now will take you back to **Channel no.** selection (step 5). Select the next channel no. by using the **A** key and program the settings for that channel. Step 5 to 13 will keep repeating till the selected no. of channels are programmed.

After one program is over, display will go back to **Program no.** selection (step 1). Select the next program no. if required by using the  $\triangle$  key. Now you can do the settings for the next program or you can exit programming by pressing  $\triangle$  +  $\triangle$  keys for 3sec.

After coming out of programming select the program no. to be run and then give the Start pulse.

To view elapsed time for particular channel

(This function is valid only for parallel mode)

To view elapsed time for any particular channel:

- 1. Press **D** key momentarily each time till the elapsed time for the required channel is displayed.
- 2. Left 2 digits of the display show the channel no. and the other 4 digits show the elapsed time.

### Select program no. to be run

1. Press nomentarily to enter RUN mode.

2. Press A key each time to select the required

program no. and press

Running program cannot be changed once the timing operation has started.

**Reset the unit:** To reset the unit, press **1** key continuously for 3sec. or short terminals 3 & 5 momentarily.

## FUNCTIONS

#### Serial 1. Serial continuous cycle mode:

The sequential switching of outputs will repeat continuously after the end of each cycle.

2. Serial selectable cycle mode: The sequential switching of outputs will repeat for the selected no. of cycles after the end of each cycle.

Serial				
Start Signal				
ch-1				
ch-2				
Cycle1	ch-n			
ch-1				
ch-2				
Cycle N	ch-n			
n = 8 / 16. N = 0000 to 99	99 or continuous			

**Cascading the timer:** Connect the CAS and GND terminals of the first timer to the STRT and GND terminals of the second timer respectively. Cascade output is valid only in case of Serial function. In Serial continuous cycle mode, the cascade output remains de-activated. In Serial selectable cycle mode, after the end of the set no. of cycles, the cascade output will be activated.

Serial (with cascading )		
Start Signal		
ch-1 Timer 1		
Ch-1 Timer 2		
ch-n		

Parallel Start Signal	_
channel-1	
channel-2	-
channel- n	_

# MODES OF OPERATION

#### 1. On delay



### 2. Interval



### 3. Cyclic ON - First



## 4. Cyclic OFF - First



( Specifications are subject to change, since development is a continuous process )

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