

**FEATURES:**

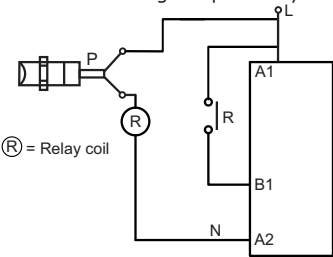
- 8 functions
- Wide operating voltage : 24 to 240 VAC / DC
- Multi Range : 0.1 s to 999 h
- Up/Down counting modes
- 3Digit LCD for preset Timer and Run Time
- Clear LED indication of Relay status
- Key lock Function
- Comforms to IEC standards of EMI/EMC
- Compact size ( 17.5 mm single width module)

**MULTI FUNCTION TIME RELAY**

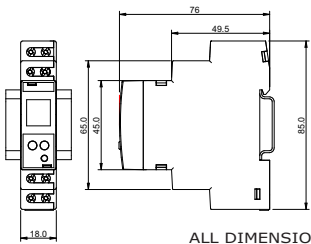
**RS Stock No's: 896-6854  
896-6866**

**CAUTIONS:**

1. Always follow instructions stated in this product.
2. Before installation, check to ensure that the specifications agree with the intended application.
3. Installation to be done by skilled electrician.
4. Automation & Control devices must be properly installed so that they are protected against any risk of involuntary actuations.
5. Using of AC 2 wire Type Proximity Sensor: Please add input relay to prevent false signal sensing due to current leakage of proximity sensor as below.



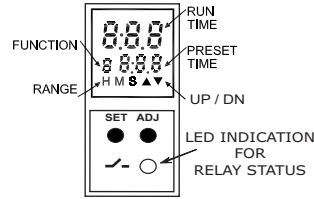
Use relay coil Voltage of the same Voltage using for Proximity sensor. [Relay coil current should not exceed the maximum current Specified by Proximity sensor.]

**OVERALL DIMENSIONS**

ALL DIMENSIONS ARE IN mm

**TERMINAL DETAILS:**

	0.6 N.m (6 Lb.in) Terminal screw - M3
	1 x 0.5...4 mm <sup>2</sup> Stranded Wire
AWG	1 x 22 to 10



1. PRESET TIME :The Timer Duration selected by the user.
2. RUN TIME : In Down counting (▼) mode it indicates the remaining while in Up counting (▲) mode it indicates the elapsed time.
3. Up/Down (▲▼) blinks during the .Timer Duration(T).

**THE KEYS:**

KEY	OPERATION	RESULT
	Apply Power & Hold Program Mode the key for >3 sec.	OR
	Press both >3 sec program after power on	
	Press in program mode	
	Press in program mode Edit blinking parameter	
	Press for>3 sec. During Timer operation Reset Timer	
	Press for>3 sec. during Timer operation Select, Edit parameter Lock/Unlock Preset Time	
	Press during timer operation Edit Preset Time during Timer operation	

**PROGRAMMING INSTRUCTIONS:**

Apply power & hold the SET key for >3 sec. OR press both ADJ & SET key for >3 sec. After power ON. Now follow the steps given below

KEY	DISPLAY	RESULT
	F 5:39 HM	Press ADJ Key to select desired function (e.g F)
	F 5:39 HM	Confirms function then range indicator blinks
	F 5:39 HM	Press ADJ Key to select range (e.g.HM range 'HM')



F 5:39  
HM  
Confirms range selection. 1st digit of preset time blinks.( For modes 'B' & 'C' two preset times 'on' & 'off' to be set)



F 8:39  
HM  
Press ADJ key to adjust desired preset time digit (e.g. from 5 to 8)



F 8:39  
HM  
Press Set to confirm 1st digit selection now 2nd digit blinks



F 8:09  
HM  
Change with ADJ Key (e, g, from 3 to 0)



F 8:09  
HM  
Confirms 2nd digit selection ,now 3rd digit of preset Time blinks.



F 8:06  
HM  
Change with ADJ Key (e, g, from 9 to 6)



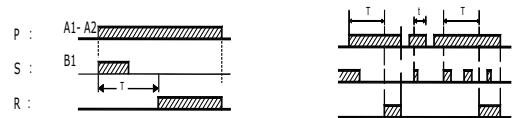
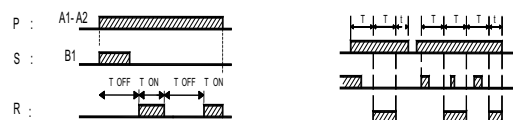
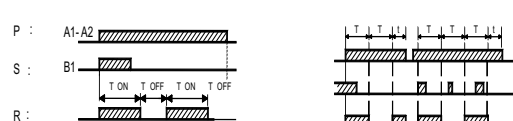
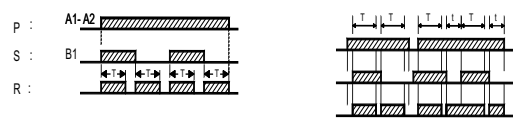
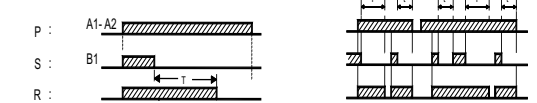
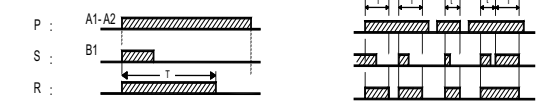
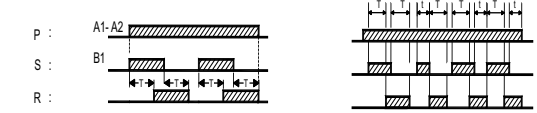
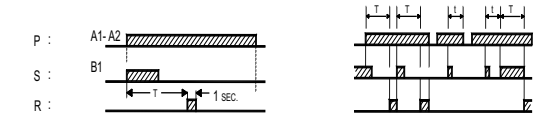
F 8:06  
HM  
Now UP/DOWN Indicator blinks



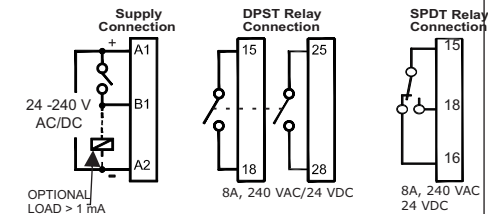
F 8:06  
HM  
Change with ADJ Key (e, g, from DOWN to UP)



00.0  
F 8:06  
HM  
Confirms counting mode . Program Over. Timer starts working normally.

**TIMING DIAGRAMS:****1.ON DELAY [A]****2.CYCLIC OFF/ ON {OFF START (Sym,Asym)} [B]****3.CYCLIC ON/OFF {ON START (Sym, Asym)} [C]****4.SIGNAL ON/OFF [d]****T : PRESET TIME T : PERIOD < T****P : POWERS : SIGNAL R : RELAY****5.SIGNAL OFF DELAY [E]****6.INTERVAL [F]****7.SIGNAL OFF/ON [G]****8. ONE SHOT OUTPUT [H]**

T = PRESET TIME. t = PERIOD < T  
P = POWER. S = SIGNAL. R = RELAY  
T ON = Preset ON time, T OFF = Preset OFF time

**CONNECTIONS:****Note:**

Product innovation being a continuous process. We reserve the right to alter specification without any prior notice.

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