



### SPECIFICATIONS

**Supply Voltage** : 20 to 240V AC/DC (50/60Hz)

**Time Ranges** : 99:9 Sec, 999 Sec, 9:59 M:S,  
99:9M, 999 M, 9:59 H:M,  
99:9 H, 999 H

**Counting Direction** : Down

**Accuracy** :  $\pm 0.1\%$  of set time or  $\pm 50\text{msec}$   
(Whichever is greater)

For Y contact operation : +100msec

**Repeat Accuracy** :  $\pm 0.1\%$

**Relay** : 1 C/O (SPDT)

**Reset Time** : 100ms

**Initiate Time** : 30ms

**Memory Retention** : Selectable

**Temperature** : Operating : 0 to 50°C.  
Storage : -20 to 75°C

**Humidity** : 95% RH.

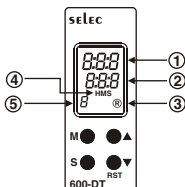
**Housing** : Flame retardant  
engineering plastic

**Weight** : 70 gms

### FRONT

### PANEL

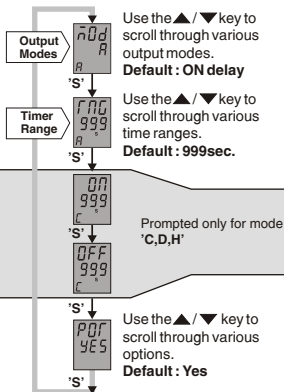
### DESCRIPTION



	On line	Config.	Front Reset
①	Process time	Parameter name	
②	Set time	Parameter Options	
③	Output Status ( Lit when O/P is ON )		
④	Time Range ( Blink in online Mode )		
⑤	Operating Mode		

### CONFIGURATION MODE

1. Enter by pressing the key 'M' for 3 sec.
2. Scroll the parameters by pressing the key 'S'
3. Change the parameter value by pressing the  $\blacktriangle$  /  $\blacktriangledown$  key.
4. Exit config. mode by pressing the key 'M' for 3sec. [All parameters are saved in memory when unit exits from config. mode.]



### FRONT RESET

1. Enter by pressing the  $\blacktriangledown$  key for 5sec.  
(\* The unit will auto exit reset mode after 1sec.)

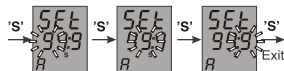


### TIME SET MODE

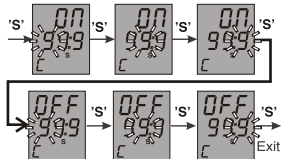
1. Enter by pressing the key 'S' for 5 sec.
2. Press the key 'S' to select next digit.
3. If 'S' key is pressed when cursor is at the right most position [ and the parameter being set is not the last one ] the next parameter is displayed. And if it is the last parameter then it exits the time set mode and all parameters are stored in memory.

## TIME SET MODE

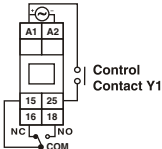
1) If the mode is ON delay



2) If the mode is C,D,H

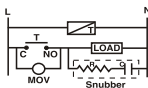


## TERMINAL CONNECTION



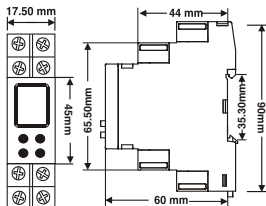
Control Contact Y1

## LOAD CONNECTION



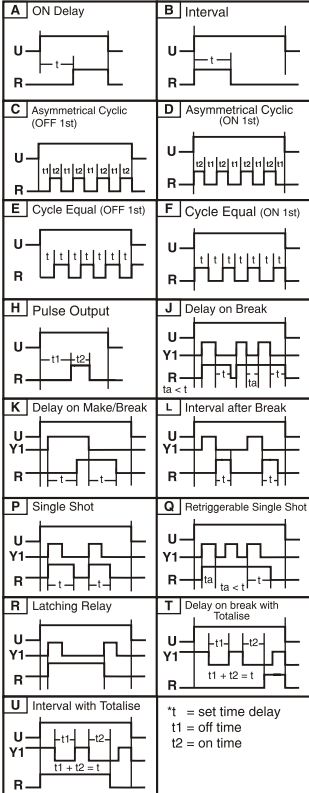
**NOTE :** 1) Snubber Part No.: APRC - 01.  
2) MOV Part No.: AP-MOV - 03.  
Use snubber to increase the life of relay.

## MECHANICAL INSTALLATION



Outline dimensions (in mm)

## MODE OF OPERATION



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

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