

# selec

## 600-DT (17.5mm) Operating Instructions

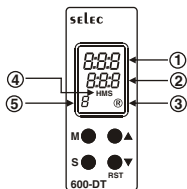
OP376-V01



### 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** : ± 0.1% of set time or ±50msec  
 (Whichever is greater)
- For Y contact operation : +100msec  
**Repeat Accuracy** : ± 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

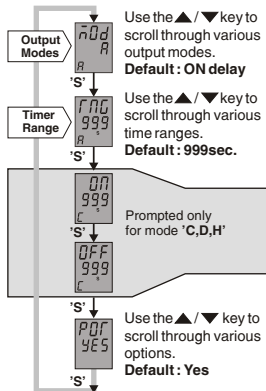
### FRONT PANEL DESCRIPTION



	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		

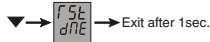
### CONFIGURATION MODE

- Enter by pressing the key 'M' for 3 sec.
- Scroll the parameters by pressing the key 'S'
- Change the parameter value by pressing the ▲/▼ key.
- Exit config. mode by pressing the key 'M' for 3 sec. [All parameters are saved in memory when unit exits from config. mode.]



### FRONT RESET

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

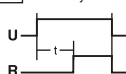


### TIME SET MODE

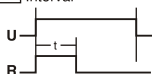
- Enter by pressing the key 'S' for 5 sec.
- Press the key 'S' to select next digit.
- If 'S' key is pressed when cursor is at the right most position [and the parameter being set is not the last one ] the next parameter is displayed. And if it is the last parameter then it exits the time set mode and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

## MODE OF OPERATION

**A** ON Delay



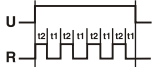
**B** Interval



**C** Asymmetrical Cyclic (OFF 1st)



**D** Asymmetrical Cyclic (ON 1st)



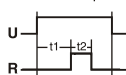
**E** Cycle Equal (OFF 1st)



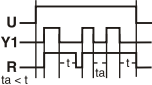
**F** Cycle Equal (ON 1st)



**H** Pulse Output



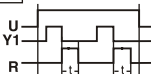
**J** Delay on Break



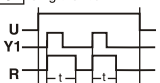
**K** Delay on Make/Break



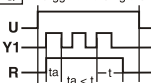
**L** Interval after Break



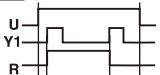
**P** Single Shot



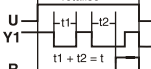
**Q** Retriggerable Single Shot



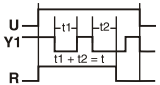
**R** Latching Relay



**T** Delay on break with Totalise



**U** Interval with Totalise



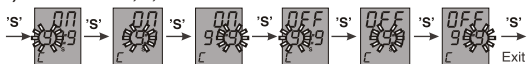
\*t = set time delay  
t1 = off time  
t2 = on time

## TIME SET MODE

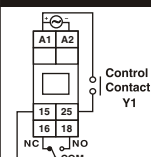
1) If the mode is ON delay



2) If the mode is C, D, H



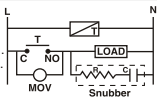
## TERMINAL CONNECTION



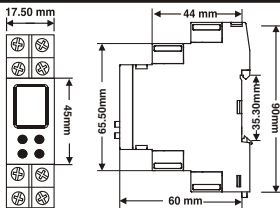
## LOAD CONNECTION

### NOTE :

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



## MECHANICAL INSTALLATION



## ORDER CODE INFORMATION

Product	Supply	Certification
600DT	20 to 240V AC/DC,	  LISTED 45T6 IND. CONT. EQ.
600DT-CU	50/60Hz	
Note : ■ Applicable		

(Specifications subject to change as development is a continuous process.)

## Selec Controls Pvt. Ltd., India

### Factory Address :

EL-27/1, Electronic Zone, TTC Industrial Area,  
MIDC, Mahape, Navi Mumbai - 400 710, INDIA.

Tel. No. : +91-22-28476443 / 1882

Fax No. : +91-22-28471733 | Toll free : 1800 227 353

Website: www.selec.com | Email: sales@selec.com