



## TIMER DELAY ON OPERATE

- Timing after energization
- Capability of choosing the time from 5 to 100% of the range
- Time ranges of: 3-30-60-300-600 seconds and 30-60 minutes
- Supply voltages of: 12-24-110-220-380 VAC/DC
- Having output energization display OUT

### Principles of Operation

Timing starts as soon as supply is connected to terminals A1 and A2.

At the end of set time, OUT signal gets ON and internal relay status changes (internal contact of terminal 15 to 18 is made).

As long as supply voltage is connected and has not dropped more than 40%, output remains unchanged.

After de-energization, OUT signal gets OFF and internal relay reverts to its primary status and is ready for retiming (internal contact of terminal 15 to 16 is made).

Attention: In the case of de-energization during timing, no change happens at output. After re-energization, timing starts from zero.

Installation and Start-Up:

Terminals A1 and A2 have to be connected to appropriate supply voltage (phase and null for 220V and two-phases for 380V)

According to using conditions, terminals 15, 16 and 18 should be placed in course of the circuit which is to be energized or de-energized by the timer.

### Technical Specifications

- ▣ Supply Voltage: 220 VAC  $\pm$  10%
- ▣ Network Frequency: 50  $\pm$  5 Hz
- ▣ Internal Loss: 3 W
- ▣ Delay Time: 0.15-3, 1.5-30, 3-60, 15-300, 30-600 Sec.  
1.5-30, 30-60 Min.
- ▣ Output Relay: Single-C/O contact
- ▣ Contact Current: 6 A, 220 VAC- 6A, 28 VDC

