

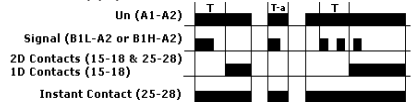
**TIMING CHART & Function Description:**

**ON Delay (Non Signal Based):**

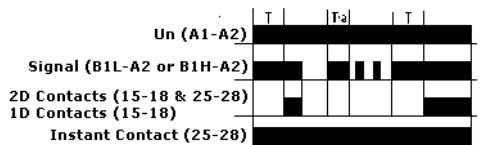


**Signal ON Delay Type 1 :**

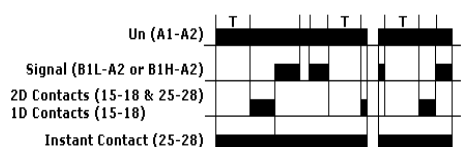
OFF and ON the supply.



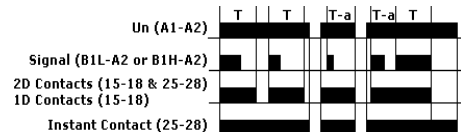
**Signal ON Delay :**



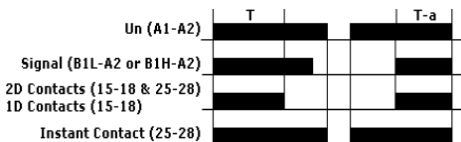
**Inverted Signal ON Delay:**



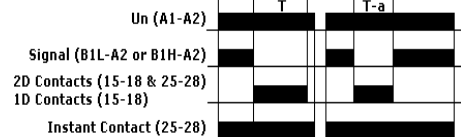
**Interval:**



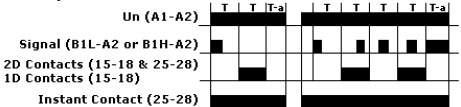
**Leading Edge Impulse:**



**Trailing Edge Impulse:**

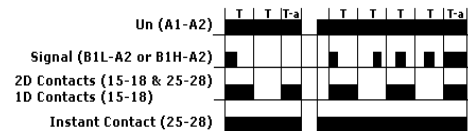


**Cyclic OFF/ON:**

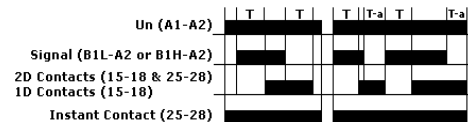


**TIMING CHART & Function Description:**

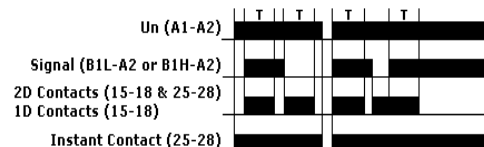
**Cyclic ON/OFF:**



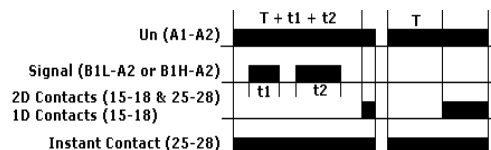
**Signal ON/OFF Delay:**



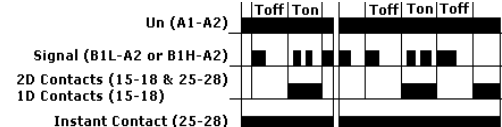
**Impulse ON/OFF:**



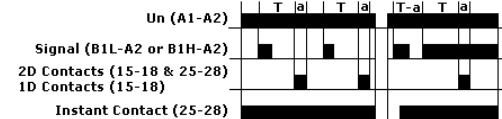
**Accumulative Delay ON Signal:**



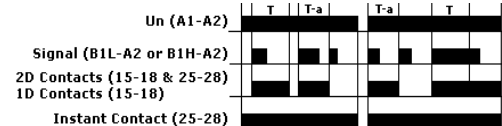
**Delayed Impulse:**



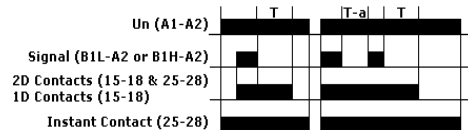
**One Shot:**



**Step :**



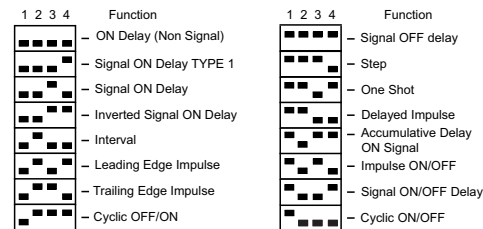
**Signal OFF Delay:**



**Selection of Functions:**

Operating function & timing can be selected by using DIP switches '1', '2', '3' & '4'.

SELECTION OF FUNCTIONS



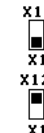
**\*1I+1D or 2D Selection**



**1I + 1D Operation**

**2 Delayed Operation**

**Timing Multiplier Selection**

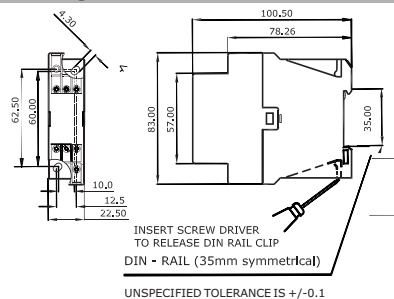


**Timing = 'T' X 't' X 1**

**Timing = 'T' X 't' X 12**

\*I = Instantaneous relay. D = Delayed relay (Timed).

**Overall Product Dimensions & Mounting Details**



**TERMINAL DETAILS:**

	Torque 0.6 N.m (6 Lb.in) Terminal screw - M3
	1 x 1.4 mm <sup>2</sup> Solid Wire/Single Ferrule
AWG	1 x 20 to 10

Use Cu wire of 75°C only.

AWG	CURRENT (A)
12	5.00
14	3.33
16	1.67

**Installation :**

- A) Base Mounting : Timer should be mounted on a plain surface, using two M4 screws.
- B) DIN - Rail Mounting : The Timer should be mounted on 35mm symmetrical DIN Rail.

**NOTE:**

Product innovation being a continuous process, we reserve right to alter specifications without any prior notice.



**MULTI-FUNCTION TIME RELAY 24-240Vac/dc**  
DPCO Timed relay or DIP Switch selects  
1PCO Timed relay + 1PCO Instantaneous relay

**RS Stock No: 896-6841**

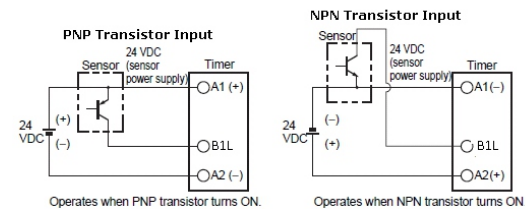
**CAUTION:**

1. Always follow instructions stated in this product leaflet.
2. Before installation, ensure that the intended application meets with the specifications.
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. Suitable dampers should be provided in case of excessive vibrations.
6. Use of 250 mA fuse in series with product supply is recommended.
7. The timers shall be placed in an enclosure that is minimum 200% of the size of the timer in the end use application.
8. Setting of all potentiometers must be in clockwise direction only.

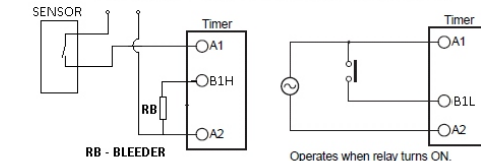
**Operating with Proximity Sensor**

Using of AC 2-Wire Proximity Sensor (Input signal range 85-265V AC): Please add the input bleeder resistor across signal input terminals to prevent false signal Sensing due to leakage current of proximity sensor. Generally suggested value of Bleeder is 22K, 5W. (Included with the product as an accessory).

Connection for sensors:



**AC Proximity sensor with bleeder or using Relay**



**Connection diagram:**

