









## Single Timer TC991

TC990

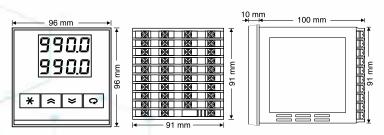
TC991 devices are designed for different timing processes needed in industrial environments. This device contains a timer that can operate in three different modes. The time unit of this timer can be selected as seconds, minutes or hours and can be set between 0.00-99.99 / 0-999 values. There are 100-240Vac / dc (Universal) and 24Vac / dc supply voltage.

It complies with international EMC and Safety standards.

TC990 devices are designed for different timing processes needed in industrial environments. This device contains two separate timers that can operate in four different MODs. The time unit of each of these timers can be selected as seconds, minutes or hours and can be set between 0.00-99.99 / 0-999 values. There are 100-240Vac / dc (Universal) and 24Vac / dc supply voltage.

It complies with international EMC and Safety standards.

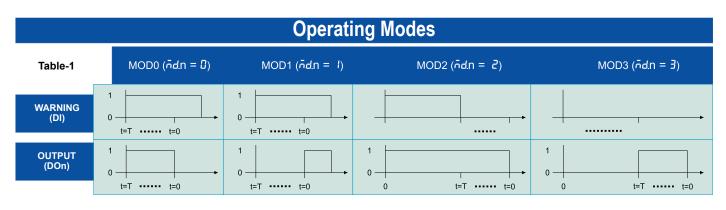
## **Device Dimensions**



Panel Cutting Dimensions =  $92 \pm 0.5$  mm x  $92 \pm 0.5$  mm

Panel Cutting Dimensions

Weight



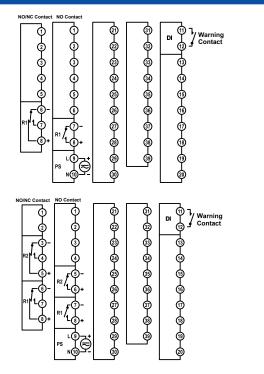
"T" in the table represents the set time and "t" means the remaining time. The region indicated by the dotted line is the region where time advances.

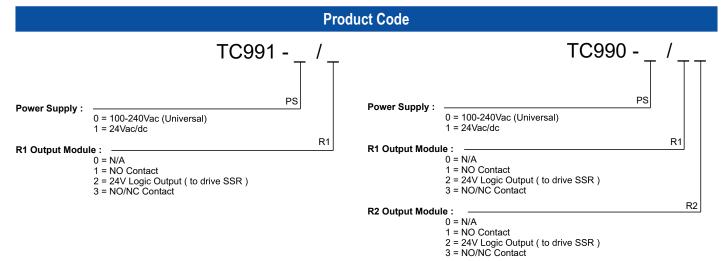
## **Technical Specifications** 100-240 Vac/dc +10%-15% Supply Voltage ( PS ) 24 Vac/dc +10%-20% **Power Consumption** 3W. 5VA Contact = 250VAC 10A NC **Relay Output** (R1,R2) Contact = 250Vac 3A No Load = 10.000.000 Switching **Contact Lifetime** 250V,10A Resistive Load = 1.000.000 Switching Memory 100 Years, 100.000 Renewals +/- 0,1% **Accuracy** 100 ms Sampling Time Working = -10...+55°C **Environment Temperature** Storage = -20...+65°C **Protection Class** Front Panel = IP54 Trunk = IP20 Width = 96 mm Height = 96 mm **Dimensions** Depth = 110 mm

430 gr

91 +/- 0,5 mm x 91 +/- 0,5 mm

## **Modular Structure and Connection Diagram**





Note: If R1 relay is coded as 3 (NO / NC), and relay R2 is selected as contact, it should be coded as NO / NC.

If the R2 relay is coded as 3 (NO / NC), and the R1 relay is selected as a contact, it should be coded as NO / NC.