

SCAN QR TO VIEW
THE PRODUCT

MODEL : TCB-11YR
CODE : 14B7
WEIGHT : 140 gr
(72x86x60) mm
IP 30

Introduction

A necessary and convenient accessory to household or industrial systems, this counter can be installed on your desired instrument to display its exact number of working hours. The logged values are permanently stored in the device memory without the risk of being deleted in case of long-term power disconnection.

Shiva Amvaj Time Counter capacity is 99,999 hours (more than 11 years of non-stop operation). Upon expiration of this capacity, the system is reset and counting would restart from zero.

Feature

- High measuring accuracy
- Display: Large display for showing hours
Small display for showing minutes
- Three indicator lights
 - T: Blinking: total working hours of the device (non-resettable)
 - Steady: number of working hours since the last reset
 - A: Shows the time set for relay connection
 - R: Shows the remaining time before relay connection
- Adjustable relay connection time
- Counting operation is triggered upon connecting START terminal to the phase
- Possibility of storing the calculated times during power outage

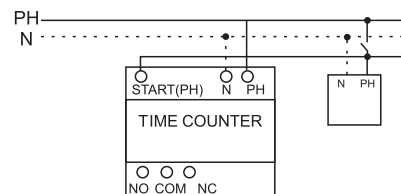
Technical Specification

- Supply Voltage/Frequency: 180-250 VAC / 50-60 Hz
- Maximum Timing Capacity: 99,999 h (11 years)
- Display Accuracy: 1 min
- Optimum Operation Range
 - Temperature: -20°C to +65°C
 - Humidity: 70%
- Output: 5A Relay

Installation

Upon mounting the device in the desired location (this time counter is for indoor use only), connect its phase and neutral terminals to the corresponding grid terminals. Then, connect the START command circuit in such a way that it would switch on each time the relevant device/system is turned on.

In this way, the timing operation is triggered upon switching on the desired system (the cursor at the corner of the minute counter display starts blinking) and stops once the system is turned off.



Shiva Amvaj Time Counter has three different modes of operation:

In the normal mode, the up-time of the connected device since the last Reset is displayed. The limit for this mode is 99,999 hours, after which the time counter must be reset. The T indicator light in this mode is non-blinking and the lower display shows the counted minutes.

- 1- In the normal mode, By pressing the Up or Down key once, the T indicator light starts blinking and shows the total working hours of the connected system (which cannot be reset).
- In the third mode, the user can set the relay connection time by selecting a number between 1 min and 99,999 hours. After this time expires, the relay is connected (see page 7).
- By depressing the Up and Down keys during normal operation, the following parameters can be observed on the display respectively:
- Steady Indicator T: Shows up-time of the connected system (resettable)
- Blinking Indicator T: Shows the total up-time of the connected system (non-resettable)
- Non-Blinking Indicator A: shows the time set by the user for relay connection
- Non-Blinking Indicator R: Remaining time until connection of relay
- Blinking Indicator R: Indicates the relay has been connected

Setting

To configure the device, by successively pressing the Enter/Return key, first the digits in the lower display and then those of the upper display start blinking, which indicates they are ready to be adjusted to the desired value using the Up and Down keys. Save your set times by pressing the Return key once.

Resetting the Time Counter

Resetting Relay Connection Time (RESET A)

Upon the lapse of the set time, the relay is automatically connected and Indicator Light R starts blinking. To reset the timer and restart a new time count, simultaneously press the Up and Down keys and hold them down for 3 seconds. To cut off the relay in this case, press the Return key and hold it down for 10 seconds.

Resetting the Up-Time Counter (RESET T)

Press the Down and Return keys simultaneously and hold them down for 3 seconds until the countdown starts. Upon completion of the countdown, the up-time counter (since the last RESET and not the total working time) is reset to zero.



Respecting the customer is our duty

3 year no question asked guarantee under these conditions;

- 1-at most it should be within 3 years from the date printed on the label of the product
- 2-the label on the product should be safe and sound

Shiva Amvaj products in accordance with international standards and with a 3 year no question asked guarantee are presented

ISO 9001-2015



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