

**4 times Pause - Work timer or 1 time Timer**

**TIMER IN 4 TIMES PAUSE-WORK MODE**

This mode consists of time1, time 2, stop time and total time.

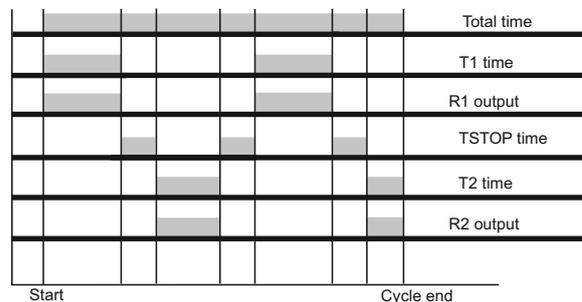
When the start is closed, output 1 is activated and remains active until the "t 1" time expires at which the "t stop" time is loaded; outputs 1 and 2 are deactivated. When the "t stop" time expires, output 2 is activated and remains active for the entire "t 2" time. Then the "t stop" time is repeated, then the "t 1" time and the cycle is repeated cyclically until the end of the set total time. At the end of this time the instrument stops and stays there until a new start command.

During operation, the cycle can be interrupted by opening the start command and reset with the reset command.

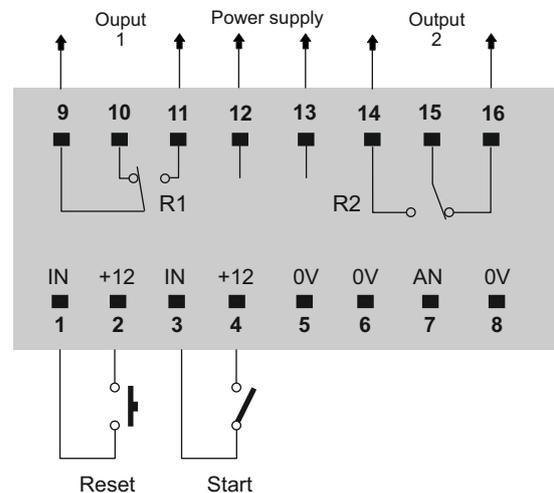
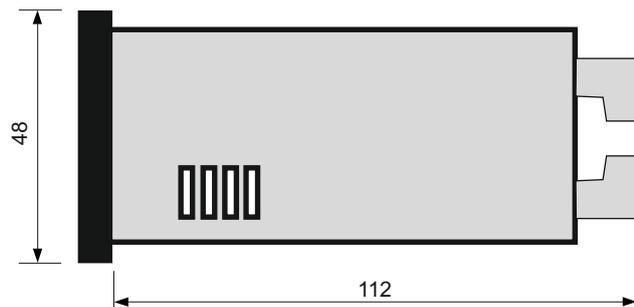
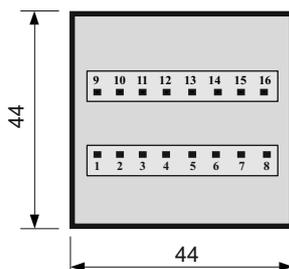
**TIMER IN 1 TIME MODE**

This mode is composed only of time1.

When the start is pressed, output 1 is activated and remains active until the set "t 1" time expires. During operation, the cycle can be interrupted and reset with the reset command.

**Operating mode**

**Technical features**

Power supply	24 - 110 - 230Vac +/- 10%
Absorption	Max 2,5VA
Display	4 displays H= 7mm red
Memory	EEprom
Min time	1 Sec. or 1 Min.
Max time	9999 Sec. or 9999 Min.
Relay range	10A / 250Vac AC1
Container size	48 x 48 x 112mm
Container	Black ABS
Operation conditions	0.. +55°C / 20..90% R.U. without condensation

**Electrical connections**

**Dimensions**


4 times Pause - Work timer or 1 time Timer

### Times programming in minutes or seconds and timer type selection

To execute the programming, follow the following procedure:

Press the   keys together until the message **PASS** appears on the display. Press   
 and using the keys   enter the password 69, confirm with   
 the flashing word will come out **SEC** using the keys   you can set the times in minutes or seconds  
 confirm the selection with the button  and the display will show **t.tim** that is type timer, using  
 the keys   set the value to '0' if you want 4-times operation or '1' if you want to operate a 1-time  
 operation, to confirm the made choice, let the value flash or confirm with the key 

### 1 time work cycle Timer

At power-up, after displaying the name and the software version, the instrument is set up to receive the START impulse.

Pressing the start, it activates the output n.1 which remains active for the T1 time.

At the end of the T1 time, output no.1 is deactivated and dashes indicating terminated cycle appear on the display.

The instrument waits for a new start pulse or a reset pulse.

If the reset button is pressed during the cycle, the instrument enters the stop mode, blocking the time, turning off the output and resetting the time.

With a new start impulse, the instrument starts the cycle again.

The decimal point on the right indicates the work cycle status:

OFF = cycle reset, waiting for the start command

FLASHING = tool in start mode and working cycle

ATTENTION: in case of power failure the instrument does not store the remaining time.

### 1 time timer programming

The user parameter that can be set by the customer is:

- T1 = forward cycle time (min 1 max 9999)

To execute the programming, follow the following procedure:

Pressing the button  the acronym appears on the display

**t 1** time 1 (min 0 max 9999) press the button again  the stored time appears on the display

with the keys   the new time is set and stored, letting the displayed data blink, at the end of the blinking the program will exit.

4 times Pause - Work timer or 1 time Timer

### 4 times work cycle Timer

At power-up, after displaying the name and the software version, the instrument is set up to receive the START command. After closing the start it activates the output n.1 which remains active for the T1 time.

At the end of the T1 time the output n.1 is deactivated and the T.Stop time begins, at the end of which the output n.2 is activated and remains active for T2 time; it follows again the Stop time and subsequently the T1 time, thus repeating a new cycle. All this procedure is repeated for the set T. TOT total time period.

At the end of the set total time the cycle stops, the outputs are switched off and dashes appear on the display indicating that the cycle has ended.

The instrument waits for a new start command or a reset command.

If the start command is removed during the cycle, the instrument enters the stop mode, blocking the time and turning off the outputs.

With a new start command, the instrument starts the cycle from where it was stopped.

When the reset command is pressed, the count is reset either if the instrument is in start mode or if is in stop mode.

The decimal point on the right indicates the work cycle status:

OFF = cycle reset, waiting for the start command

FLASHING = start command and working cycle

ON FIXED = cycle in stopmode waiting for the start or reset command.

ATTENTION: in case of power failure the instrument does not store the remaining time.

### 4 times timer programming

The user parameters that can be set by the customer are:

- T. TOT = Total cycle time (min 0 max 9999) with time equal to 0 the cycle will be continuous
- T1 = Forward cycle time (min 0 max 9999) with time equal to 0, time 1 will not be executed
- T2 = Back cycle time (min 0 max 9999) with time equal to 0, time 2 will not be executed
- T STOP = Cycle Pause time (min 0 max 9999) with time equal to 0 the stop time will not be executed

To execute the programming, follow the following procedure:

Pressing the button  the acronym appears on the display  total cycle time (min 1 max 9999)

press the button again  the stored time appears on the display

With the keys   set the new time and save with the button  appears on the display

 time 1 (min 0 max 9999) the key is pressed again  the stored time appears on the display

with the keys   set the new time and save with the button  appears on the display

 time 2 (min 0 max 9999) the key is pressed again  the stored time appears on the display

with the keys   set the new time and save with the button  appears on the display

 Pause time between time 1 and 2 (min 0 max 9999) press again  the stored time appears on the display

with the keys   set the new time and save with the button  appears in the display again 

To exit the programming mode, leave the displayed data blinking, at the end of the blinking from each position the program will exit.