

RR-RTC01 Real Time Timer

1. INTRODUCTION

Thanks to its internal battery, RR-RTC01 with 10 different programmable memory continuously count on "real time" and performs the programmed (scheduled) operations on due time even if its energy's been interrupted.

2. USAGE OF RR-RTC01

The existing time segments are displayed once the device is energized. By pressing "MENU" the programming mode is displayed. Pressing "MENU" button again is to display the 1.st programme parameters previously set by the user or factory defaults. Hence, the required setting for the 1.st program("M"; "H") is conducted. Pressing "MENU" is required to save. The same is followed for setting of "Minute and Second". Consequently, the final adjustment is carried to position the relay with respect to the programmed time parameters.

- Selection of "ON" to position relay at "ON" within the assigned time of P1.
- Selection of "OFF" to position relay at "OFF" within the assigned time of P1.
- Selection of "CNL" to indicate "inactive program".
- The value in between 01-60 to indicate that the relay is remained "ON" during the set time in P1 and then, be shifted to "OFF" status after the end of time.

By using "M" and "H", the parameters of other programmes can be displayed and/or be adjusted. The unused programmes must be inactivated using "CNL"

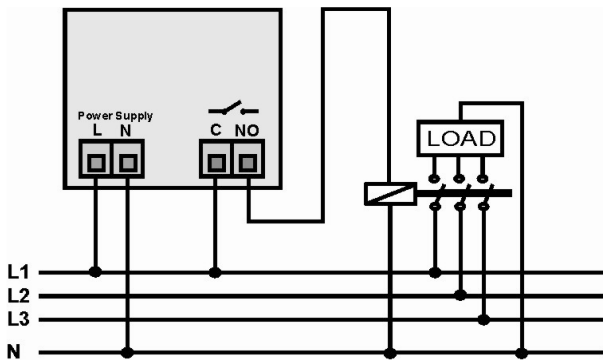
"SET TIME" is the mode where user can conduct a time setting which is as same as of program setting. After having the needed setting finalized, "ESC" and then "MENU" is pressed subsequently to display the set parameters.

The following functions are assigned for each button given below while device is in operation.

Pressing "H" to manually "ON" and "M" to manually "OFF" when operation is on the main menu where the time parameters are displayed. All the set parameters are saved in non volatile memory even if its energy's been interrupted.

Date is also called by pressing on "PROGRAMME" button. To change the date. Press "MENU" to enter "M" and "H" for required setting. Re-press on "MENU" to save.

3. CONNECTION DIAGRAM



Terminals

- L : Phase Input
- N : Neutral Input
- C-NO : Normally Open Contact

Figure -1 Connection Diagram

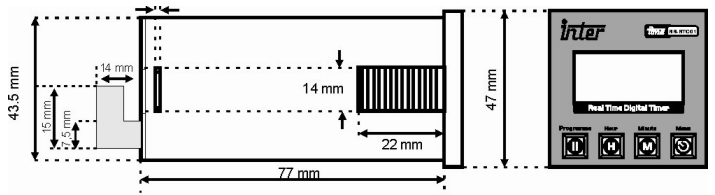
4. TECHNICAL SPECIFICATIONS

Operating Voltage (Un)	220VAC 1Phase + 1Neutral
Operating Range	(0,8-1,2)xUn
Operating Frequency	50/60 Hz
Number of program	10 Program
Pulse Time	0-60 sec. (Adjustable)
Supply Power	<2W
Output Type	Relay Output
Maximum Contact Current	5A
Maximum Contact Voltage	250VAC
Length-Width-Height	80-41-41
Mounting Type	Panel Mounted
Protection Class	IP 20
Plastic Material	V0 Nonflammable
Operating Temperature	-25°C ... +65°C
Weight	125 gr.

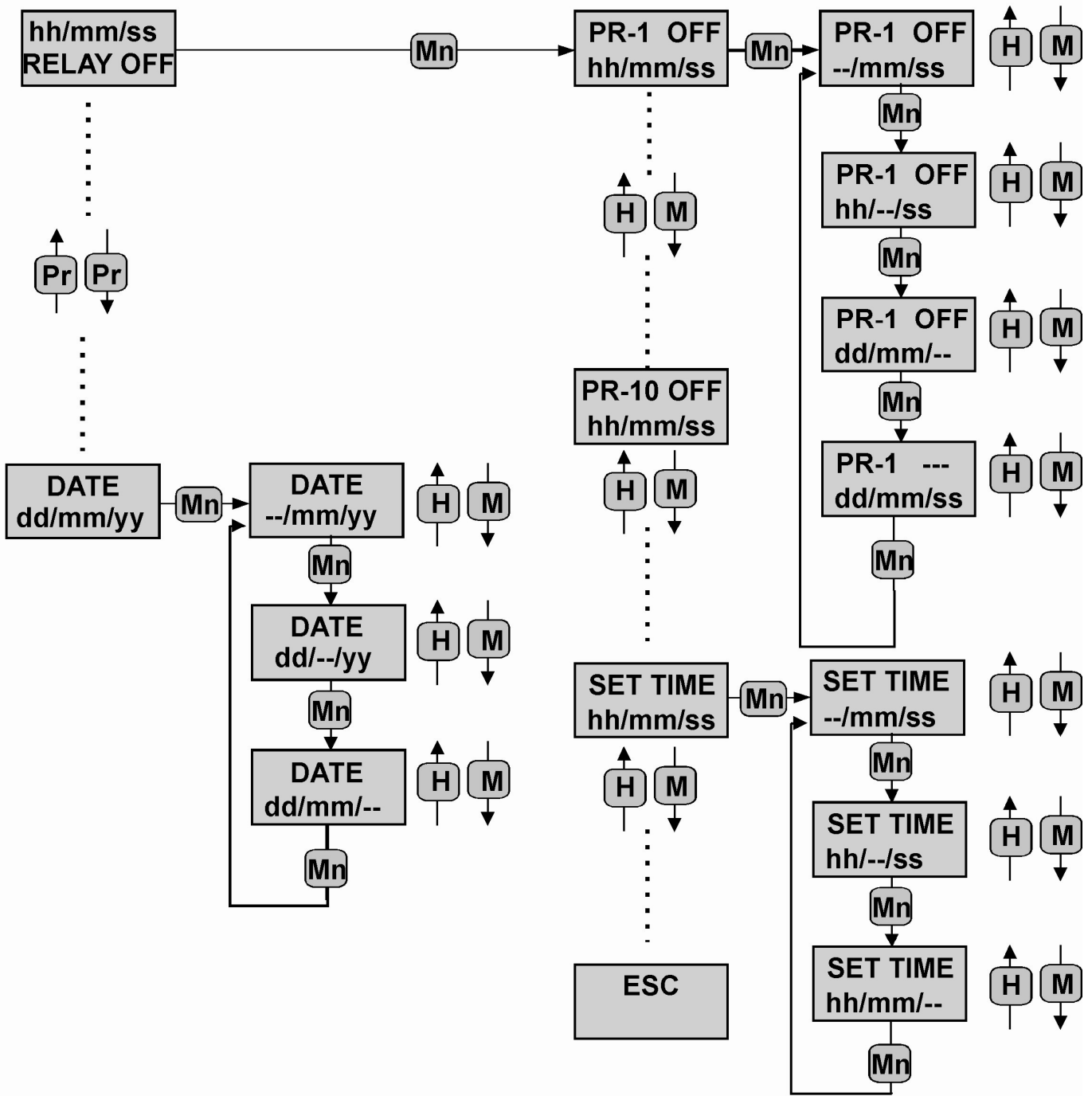
5. SAFETY & WARNING INSTRUCTIONS

- Turn off power during connection/wiring.
- Check correct mains voltage/wiring terminal.
- Installation shall only be performed by qualified personnel.
- Do not use any solvent or alike for cleaning.

6. MECHANICAL DIMENSIONS



7. MENU MAP



HANEL ELECTRONIC IND. CO.

Merkez Mah. Hakimiyet Cad. 122. Sk. No:14/A-B Yakuplu Beylikdüzü - ISTANBUL

Phone: +90 212 879 07 74 Fax: +90 212 879 07 78

Web: www.hanel.com.tr E-Mail : hanel@hanel.com.tr