

# TIME RELAYS

## 1. INTRODUCTION

Device is used for controlling the time within a system or any application based on a subsequent time setting.

**XX** specifies time options of standard products. Selectable time ranges : 1 sec., 3 sec., 6 sec., 12 sec., 30 sec., 60 sec., 3 min., 6 min., 12 min., 30 min., 60 min. These codes also specify max. time setting of devices

## 2. USAGE

**RR-XX,RR-VXX,RR-WXX,RR-SXX,RR-KXX,RR-MXX**; when the supply voltage is applied to the device, the in-built relay stays at the off position while **t** time starts counting. At the end of the set **t** time period the relay is switched on and the LED is turned on. The relay keeps its position until the energy is cut off.

Beside having same functions as classic time relays **RR-XXR,RR-SXXR,RR-KXXR** also have 2 Inversor contacts.

In addition of having same functions as time relays, **RR-2R** time relays are composed of 2 in built relays.

**RR-XXM**, compact type time relay classic is designed to perform accurate timing applications. Its compact type dimension provides an optimum installation advantages to the user. **t** time starts counting once the device is energized. At the end of the set **t** time period the relay is switched on and the LED turned on. The relay keeps its position until the energy is cut off.

**RR-B12**, once the supply voltage is applied the adjusted **t** time counts and the buzzer (sound alert) is to be followed. At the end of the adjusted time period the relay is switched on and buzzer (sound alert) stops immediately. It keeps same position until the supply voltage's been cut off.

**RR-B12M**, the relay is switched on when the device is energized and the adjusted **t** time counts. At the end of the adjusted **t** time the relay switches off and the relay indication LED turns off. Buzzering/sound alarm is followed until the supply voltage's been cut off.

**NOTE:** Custom-made devices with different standards are specified on their label.

## Product Scale Information

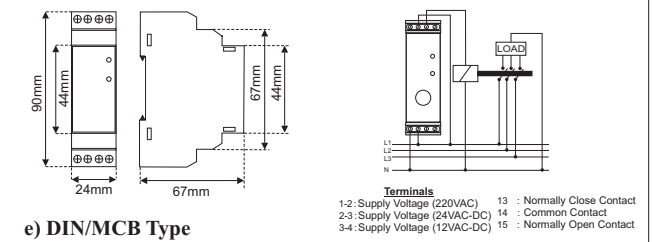
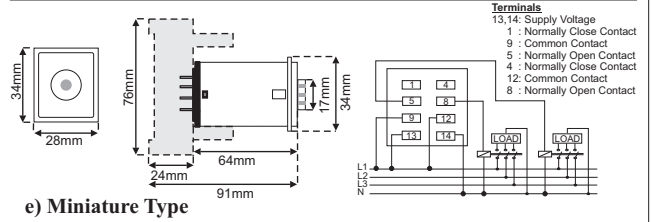
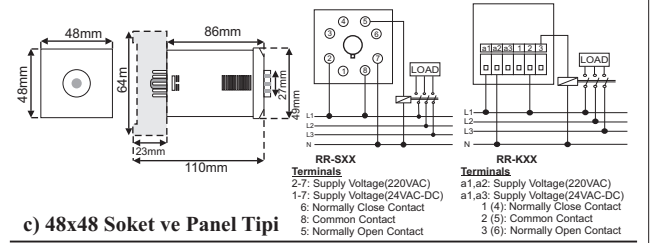
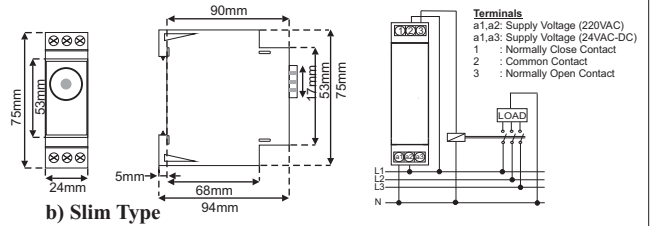
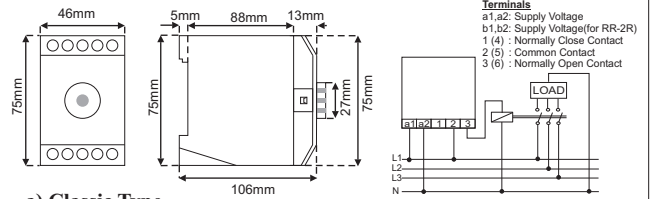
## 3. USAGE AND SAFETY

- 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.

## 5. TECHNICAL SPECIFICATIONS

Model	Un	Time	Contact	Function	Buzzer (Sound Alert)	Dimensions and Connection Diagrams	Mount Type	Protection Class	Plastic Material	Operating Temperature	Weight
<b>RR-XXM</b>	220VAC 1Phase + 1Neutral 50-60 Hz (0,8-1,2)xUn	0.01-1 sec. 0.1-3 sec. 0.1-6 sec.	1 Inversor 250VAC/5A	Off Delay	●	a	Rail Mounted	IP 20	V0 Nonflammable	-25°C ... +65°C	150 gr.
<b>RR-B12M</b>											205 gr.
<b>RR-XX</b>											145 gr.
<b>RR-B12</b>											205 gr.
<b>RR-WXX</b>	220VAC/12&24VAC/DC	0.1-12 sec. 1-30 sec.	2 Inversor 250VAC/5A	On Delay	●	e	IP 20	V0 Nonflammable	-25°C ... +65°C	85 gr.	
<b>RR-VXX</b>	220VAC 1Phase + 1Neutral 50-60 Hz	2-60 sec. 0.1-3 min.								b	95 gr.
<b>RR-SXX</b>	50-60 Hz 24VAC/DC	0.1-6 min. 0.1-12 min.								c	95 gr.
<b>RR-KXX</b>	24VAC/DC (0,8-1,2)xUn	1-30 min. 2-60 min.								c	100 gr.
<b>RR-KXXR</b>	220VAC 1Phase + 1Neutral 50-60 Hz (0,8-1,2)xUn	1-30 min. 2-60 min.	2 Inversor 250VAC/5A	On Delay	●	c	Panel Type	IP 20	V0 Nonflammable	-25°C ... +65°C	105 gr.
<b>RR-SXXR</b>							Socket Type				105 gr.
<b>RR-XXR</b>							Rail Mounted				165 gr.
<b>RR-MXX</b>							Socket Type				30 gr.
<b>RR-2R</b>		t1: 30 sec. t2: 30 min.	1+1 Inversor 250VAC/5A			a	Rail Mounted				180 gr.

## 4. MECHANICAL DIMENSIONS AND CONNECTION DIAGRAMS



HANEL ELECTRONIC IND. CO.

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

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

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

Stock Code: 50 MK00 000001 - V01