

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. Buzzing/sound alarm is followed until the supply voltage's been cut off.

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

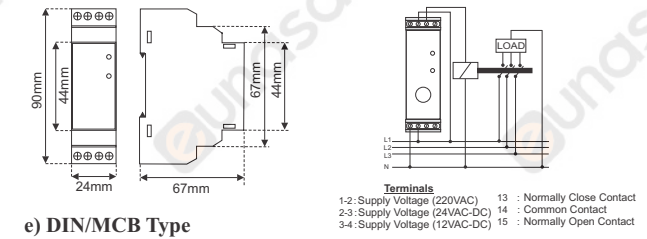
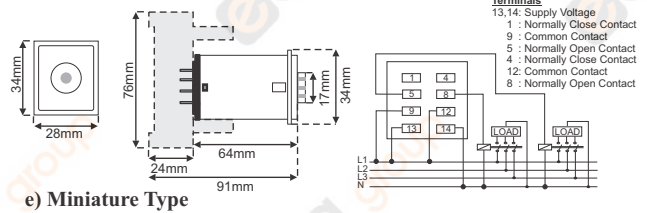
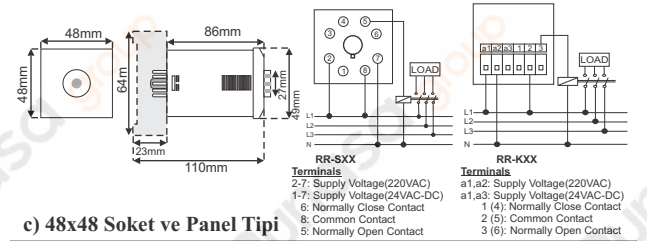
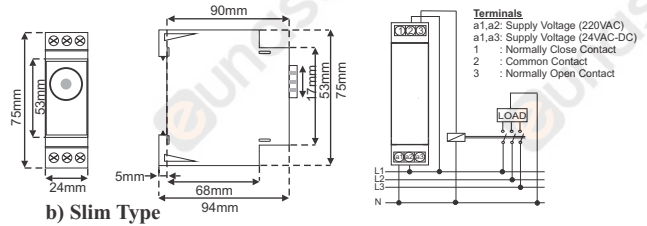
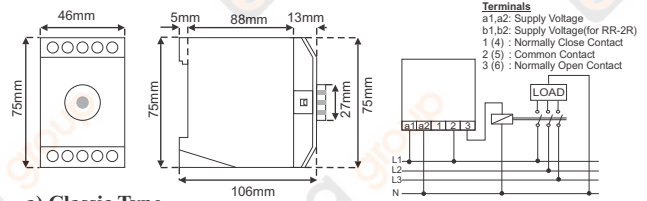
Product Scale Information

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

4. MECHANICAL DIMENSIONS AND CONNECTION DIAGRAMS



Model	Un	Time	Contact	Function	Buzzer (Sound Alert)	Dimensions and Connection Diagrams	Mount Type	Protection Class	Plastic Material	Operating Temperature	Weight
RR-XXM	220VAC 1Phase + 1Neutral 50-60 Hz (0,8-1,2)xUn	0,01-1 sec. 0,1-3 sec. 0,1-6 sec. 1-30 sec.	1 Inversor 250VAC/5A	Off Delay	●	a	Rail Mounted	IP 20	V0 Nonflammable	-25°C ... +65°C	150 gr.
RR-B12M											205 gr.
RR-XX											145 gr.
RR-B12											205 gr.
RR-WXX	220VAC/12&24VAC/DC	0,1-12 sec. 1-30 sec.	2 Inversor 250VAC/5A	On Delay	●	e	Socket Type	IP 20	V0 Nonflammable	-25°C ... +65°C	85 gr.
RR-VXX	220VAC 1Phase + 1Neutral 50-60 Hz	2-60 sec. 0,1-3 min.									95 gr.
RR-SXX	24VAC/DC (0,8-1,2)xUn	0,1-6 min. 0,1-12 min. 1-30 min.									95 gr.
RR-KXX	24VAC/DC (0,8-1,2)xUn	1-30 min. 2-60 min.									95 gr.
RR-KXXR	220VAC 1Phase + 1Neutral 50-60 Hz (0,8-1,2)xUn	2-60 min.	2 Inversor 250VAC/5A	On Delay	●	c	Panel Type	IP 20	V0 Nonflammable	-25°C ... +65°C	100 gr.
RR-SXXR											105 gr.
RR-XXR											165 gr.
RR-MXX											30 gr.
RR-2R		t1: 30 sec. t2: 30 min.	1+1 Inversor 250VAC/5A	On Delay	●	a	Rail Mounted	IP 20	V0 Nonflammable	-25°C ... +65°C	180 gr.