

PLUG IN TIMER 14 PIN

Miniature

88896202

Timer RTMA4 Delay On 4 x Relay 24V dc

- OBSOLETE PRODUCT - NO DIRECT REPLACEMENT
- Single function delay on make
- Multi time range 0.1 sec – 10 hrs
- Compact size
- 4 x 5A rated relay contacts



PRODUCT DESCRIPTION

What is a timer?

A timer is a simple automation component which is used to manage actions over a period of time or control how long actions last. The timer is a control device which triggers an action according to a time and a function. After a predefined time has elapsed, the timer closes or opens one or more contacts.

Timing cycles, whether single shot or repetitive, are started by latching inputs or pulsed inputs, allowing a wide variety of functions to be created.

To execute which actions?

A timer can be used to trigger an action according to a predefined time. It can also be used to stagger actions over a period of time.

In any time-related application, the timer can play a role and can be used to:

- Run installations according to times that can be adjusted by the user
- Calibrate a machine running time
- Allow or prevent an action
- Delay an action
- Manage stopping/starting of a motor, pump, etc. (star delta)
- Make an LED flash

Crouzet timer features;

- Available in mono or multifunction versions (analogue or digital, with or without latching), to meet the specific needs of each application.
- A timing range of up to 9,999 hrs to cope with prolonged processing operations
- A range of power supplies from 12 to 240 V in one unit for optimised stocks
- Recognised quality and reliability ensures the correct operation of equipment

Where are they found?

In electrical cabinets associated with other automation products for the following markets;

- Food industry
- Industrial automation systems
- Lighting
- Building equipment
- HVAC
- Small or large industrial machines
- Packaging;
- Controlling heat sealing times on blister packs, packing bags etc. (MUR1, MXR1)
- Illuminated signs;

- Managing flashing on automated signs. (TMR48L)
- Fans;
- Time management for delay start up or shut down. (S-Series, TMR48, Timer 81X)
- Heat pumps;
- Managing compressor start up (anti-short cycle). (S-series timer)
- Ice maker;
- Managing the duration of refrigeration. (TUR1)
- Vending machines;
- Time management of product delivery. (TMR48, Timer 81X)
- Lighting for mobile homes;
- Managing the duration of outdoor lighting of a mobile home if the light switch is left on. (MXR)
- Machine tools;
- Control of maintenance periods. (TMR48, Timer 81X)
- Sensing on assembly lines;
- Managing the operation between a conveyor belt based on the time interval between productions on the belt. (MCR1)
- Remote machinery;
- Managing maintenance of the power supply in the event of a mains power failure, switching on an external back-up power source at a given time. (TK2R1)

TECHNICAL DATA

FUNCTION

| | |
|-------------------|---|
| Function | A |
| Time range | 0.1-1s, 1-10s, 0.1-1m, 1-10m, 0.1-1h, 1-10h |
| Response time off | 250 ms |
| Repeatability | 0.5 % |
| Multi-function | No |
| Output | Relay 4 pole C/O |

ELECTRICAL DATA

| | |
|-----------------------|--------|
| Power consumption | 1.2 W |
| Switching current max | 5 A |
| Supply voltage | 24V dc |

OTHER TECHNICAL DATA

| | |
|-----------------------------|-------------------|
| Mounting | 14-pin socket |
| IP class front | IP50 |
| Temperature operational min | -20 °C |
| Temperature operational max | 60 °C |
| Storage temperature min | -40 °C |
| Storage temperature max | 70 °C |
| Approvals | CE, cUL, RoHS, UL |

