

## General information

The product is to be used in DIN rail enclosures with minimum protection grade IP20.

The installation must be done by a person with certified knowledge of electrical installation.

## Use

This timer switch can be used to control 250VAC circuit for a maximum load of 16 A.

It can be used for control of lighting, heating appliances etc.

## Installation

Place the timer on the DIN rail.

Connect the power to terminal 1 and 2 of the timer. The live connector must be protected with a MCB or fuse of max 16 A. Connect the controlled circuit between terminal 3 and 4 for a closing function or between 4 and 5 for an opening function. Tighten the screws properly to make good contact pressure. Make sure there is no cable insulation in the connection terminal.

## Programming:

### Setting clock time and day

Press Clock key and hold, simultaneously press D+ key until the actual day, continue by pressing the H+ key until the right hour, and continue with M+ key to the actual minute. Then release both keys and the clock will be set. The seconds will start from 0.

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Note you can either hold down the D+, H+, M+ keys or step forward by pushing several times.

### Setting the programs

You have a total capacity of 8 ON and 8 OFF. By using the blocks you will use program capacity. The block options are:

- Mo Tu We Th Fr Sat Sun
- Mo Tu We Th Fr
- Sa Su
- Mo Tu We Th Fr Sat
- Mo We Fr
- Tu Th Sa
- Mo Tu We
- Th Fr Sa

Press P key, you will now set the first ON setting, at the same time, the right side of the LCD will display "C1". It means One Channel.

A. Press the D+ several times and you can choose if you want to set the same ON setting for a day or a block of days. Then set

B. The time by pressing the H+ key and M+ key.

C. Press the P key TO VALIDATE.

Now you can set the first OFF setting the same way. Press D+ for the days and H+ for the hour and M+ for minute, then press P to validate.

Repeat for the 7 remaining ON and OFF settings.

When you are ready with the settings, press the Clock key and the timer is ready to operate.

### To Verify the settings

Press P several times and each setting will appear with day and time.

## To Change a setting

Press P several times until the setting you want to change and change the time of this setting, then press P and the new time is validated.

## To Reset the timer

Press Reset button, both clock setting as well as program settings will be erased.

## Manual over ride

You can choose permanent ON, permanent OFF and Auto mode by pressing the Manual key several times.

The program will only work in Auto mode.

## The red LED indicator lamp

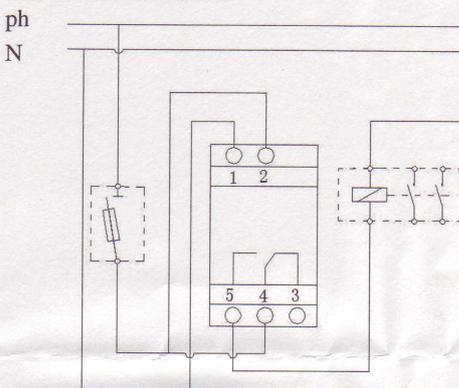
The LED lamp indicates that the timer program is in ON position or the permanent override in ON position.

NB. If the relay contacts has welded together due to over charge the timer LED might not be lit and thus not show that the contacts are closed.

## Technical data:

Operating power:	220-250VAC 50-60Hz
Contact function:	SPDT Switchover relay Without potential (micro switch u)
Rated power:	16A 250V AC 8A inductive load (Cos 0.4) SELV should not be used
Degree of protection:	IP20
Current consumption:	4.4W
Life expectancy:	100,000 operations
Operating temp:	-10~+40 Degrees C
Min setting time:	1 min
Accuracy:	+/-1 min per month
Cable connection:	1~6 mm2 for multiple thread 1.5~10 mm2 for single thread
Battery backup:	NiMH 1.2VDC >100H

## Wiring Diagram



## Face and keys

