

## DELAY TIMER

### I-36



#### CHARACTERISTICS TECHNICAL

Supply voltage.....	12V CC.
Minimal consumption.....	15 mA
Maximum consumption.....	70 mA.
Minimum Timing.....	1 seg.
Maximum Timing.....	1min.
Output load max. admissible.....	5A
Reverse Polarity Protection.....	Yes
Size.....	76 x 44 x 30 mm.

The delay timer I36 is a timer implementation. A device that when activated runs a first timer, adjustable, which transfer the output is permanently activated, or by default until you turn off the circuit. It includes protection against reverse polarity, LED indicator and terminals

#### INSTALLATION AND OPERATION

**POWERING THE UNIT.** It should be fed with a voltage of 12V.CC. adequately stabilized, so we suggest not using simple power supply, which adversely affect circuit performance, if not a power source. We recommend the FE-2, which is well suited to the needs of the module.

Install a fuse and a switch. Both are essential to protect the module for your own safety, as reflected in the CE normative Asked the provision of the supply outputs, one and positive and negative power to the corresponding input terminal indicated in the drawing. Then, verify that the installation was successful.

**TIMING.** The adjustment of the delay timing to be produced before the output is not active, is performed by adjusting the potentiometer shown in the diagram of the wiring map. Start by placing the test run at least then you could adjust as desired. Once selected the timing, turn the power of I-36. The module automatically starts the timing. At the end of this, the LED will illuminate and activate the relay, connecting the output.

The output remains on until you turn off the module.

**BY START BUTTON.** The I-36 can be started in two ways: starting strain, as is factory or boot button. To operate the I-36 through a switch, the first desold capacitor C3 shown in the PCB and the PCB. Then install a button on the terminal as part of jumper J2. If the wiring distance for this connection exceeds 25 cm.

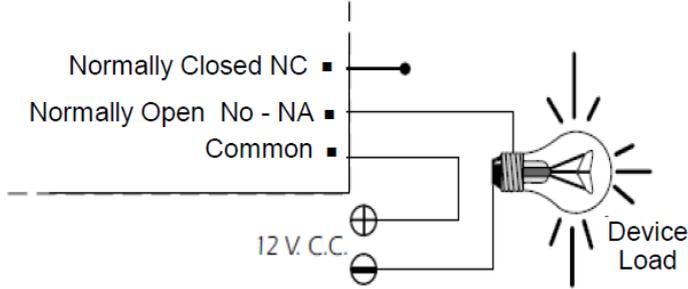
must use shielded cable and connecting to the negative terminal Lamalle jumper.

Once the assembly, the power button will start the time delay of the module. To disable the timer, interrupt power to the circuit.

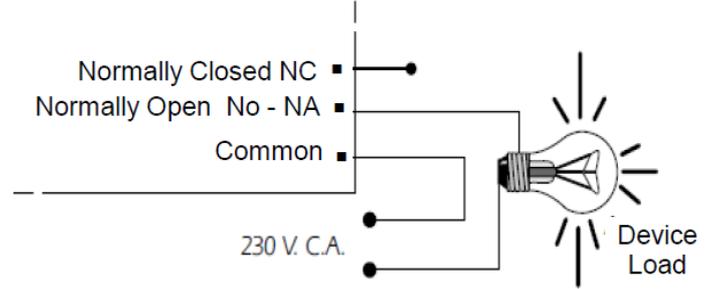
**INSTALLATION OF AN EXTERNAL POTENTIOMETER.** If you want to remove the variable resistor timing adjustment by external potentiometer, desold first and remove that part. Then attach the new potentiometer terminals to the piece or exit I-36 is controlled by a relay device that supports any type of load does not exceed 5A. The relay has three output terminals. The normally open at rest (NA), the Closed Normally closed (NC), and the Joint Operation of this mechanism is identical to a switch whose two terminals are the common NA and giving way or stopping the flow of current applied to the output. To perform the inverse function must be used and common terminals NC The figure shows the typical wiring for a device operating 12V.CC. and another 230 operated V.CA. See paragraph Cargo Connection.

## Output connection. LOAD

### 12V DC CONNECTION



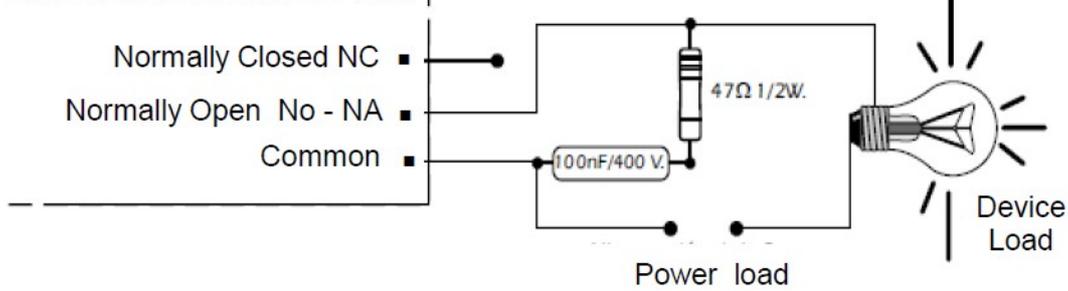
### 230V CA CONNECTION



**CONSIDERATIONS ON THE OUTPUT.** During the operating mode and according to its load, may occur one or a output malfunction.

If this happens, install a circuit spark between the two relay contacts used in the connection, as shown in the drawing

### 230 V CA CONNECTION



## GENERAL CONNECTIONS

