



cebek[®]

12 V. SEQUENTIALTIMER I-27



TECHNICAL CHARACTERISTICS

Supply voltage.	12 V. C.C.
Minimum consumption.	25 mA.
Maximum consumption.	80 mA.
Minimum Timing.	1 second.
Maximum timing.	3 minutes.
Output load max. relay	5 A.
Reverse polarity protection. (I.P.P.).	Yes.
Measures.	78 x 64 x 30 mm.

The sequential timer I-27 is a double-chained timer. It allows two different timings. The activity will be the first timing, after which will automatically activate the second, and then return to standby. It incorporates input and output media, to daisy chain multiple I-27 or I-28; input Reset leds work indicators and outputs for external potentiometer to extraction.

OPERATION

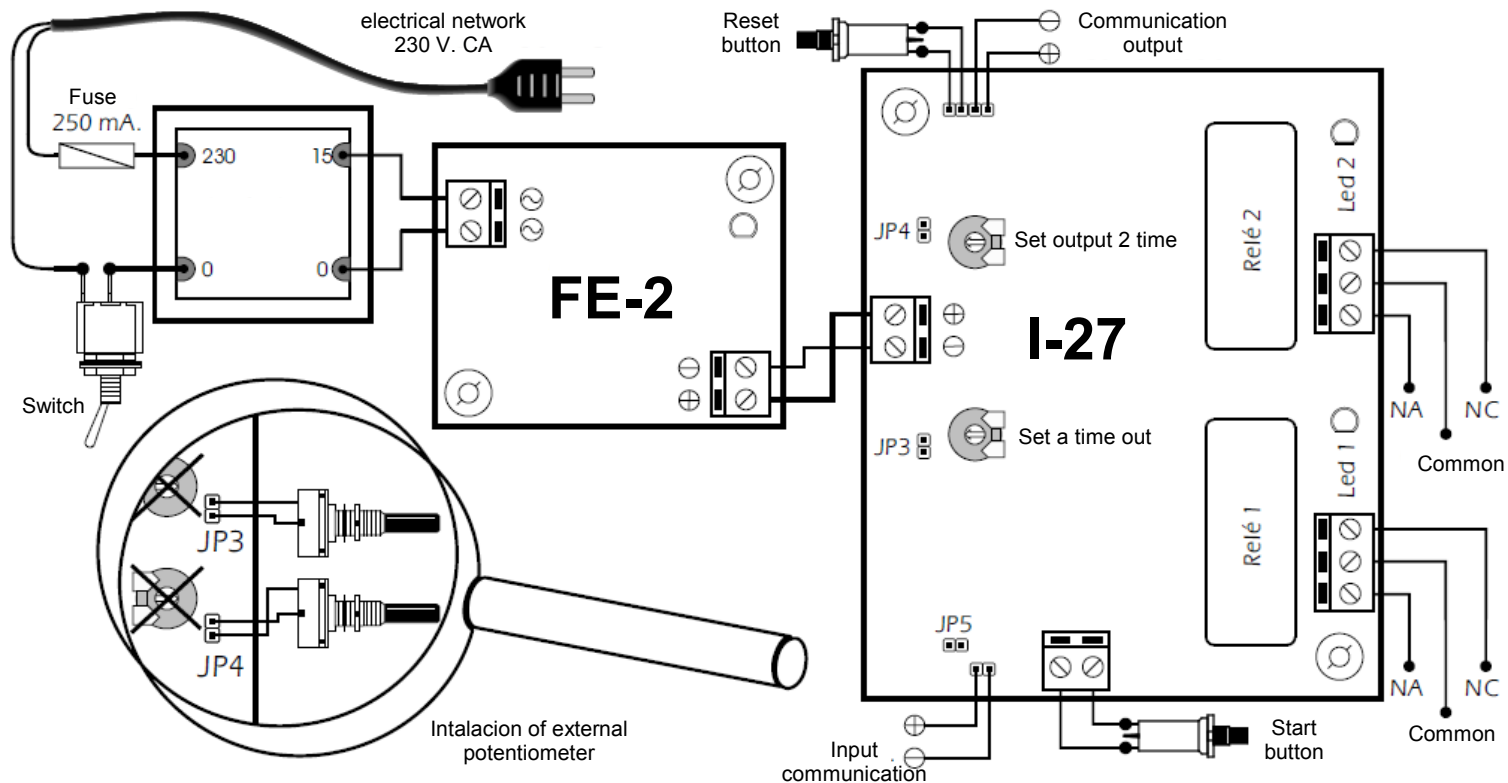
POWERING THE UNIT. The I-27 must be supplied with a voltage of 12 V. C.C. Adequately stabilized, so we recommend not using simple power supply, which will affect negatively circuit performance, but a source of food. We recommend the FE-2, which fits perfectly the needs of the module. Install a fuse and a switch. Both are essential to protect the module and its own security, as reflected in the CE standard. Asked the provision of the outputs of the power supply, the positive and negative feed to the corresponding input terminal indicated in the drawing. Finally make sure you have made correct assembly.

TIMING AND OPERATION. The module has two independent times for each output or relay adjustable by potentiometers inserted in the circuit. Start by putting them to test run minimum, then you could adjust as desired. After selecting the time, the module can start the timer in two different ways: boot push button or by power supply. To start the circuit by a push button, you place one of quality, in the indicated terminals. Each time you activate it, provided they have passed completely timings of both outputs, the module is activated. To activate the module supply is produced by tension, irrespective of the button, you should join or short the two pins of jumper JP5. Consequently, each Once you supply the module is activated. Current working time of two outputs, start the circuit. Initially and connect the first output and the LED 1 that will remain active until the timer expires. Immediately after this finishes, connect the second exit and the LED 2, thereby continuing to consume the timing. At the end of this, the circuit will be at rest in hopes of a new initialization.

MULTIPLE SEQUENTIAL TIMERS stringing. This module provides the ability to connect multiple sequential timers in series, regardless of whether they are I-27 or I-28. So instead of getting the circuit rest at the end of the timer, start timer chained to the next. To perform this function. Output A Communication, (shown in the drawing), the first circuit, with the Notice as follows input circuit to connecting chains. In the polarity connection and ensure that the cable not exceeding 20 cm. length. It imperative that the circuits connected in series are supplied from the same power supply.

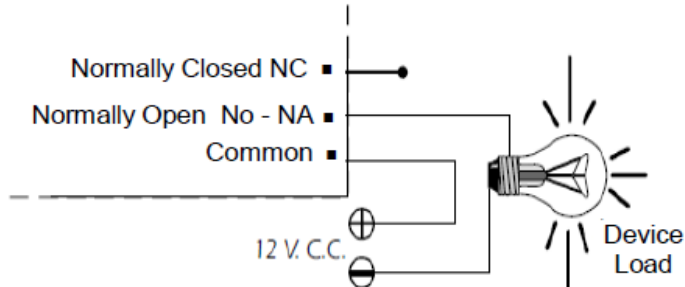
OUTPUT CONNECTION. The output of the module is done by relays, devices that support any load not exceeding 5 A. A relay has three output terminals. The normally open at rest (NA), the Closed Normally closed (NC), and the Joint Operation of this mechanism is identical to a light switch whose two terminals are the common NA and giving way or stopping the flow of current applied to the output. For perform the inverse function must be used and common terminals NC The figure shows the typical wiring for a unit operated at 12 V. C.C. and one operated at 230 V. C.A. Obser see paragraph " Load Connection ".

GENERAL WIRING MAP.

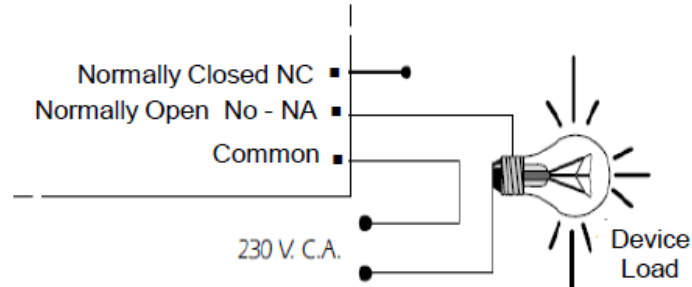


OUTPUT CONNECTION

12V DC CONNECTION



230V CA CONNECTION



CONSIDERATIONS ON THE OUTPUT. During the operating mode and according to its load, may fluctuate or malfunction output. If this happens, install a circuit spark between the two relay contacts used in connection as shown in the drawing.

230 V CA CONNECTION

