



I-131

From 2 up to 45 minutes RE-ACTIVABLE TIMERS.



The I-131 circuit is a standard timer at 230 V AC with relay output. It could be activated again even if the previous timing is not achieved. It allows to select time between 2 and 45 minutes, thanks to its potentiometer inserted in the P.C.B. It includes an indicator time led, connector to place an exterior potentiometer and terminals to connect it.

TECHNICAL CHARACTERISTICS.

Voltage.	230 V. AC.
Medium Consumption.....	1 W.
Minimum Timing.	2 minutes.
Maximum Timing.	45 minutes.
Maximum load at relay.	5 A.
Operating indicator Led.	Yes.
Sizes.	85 x 55 x 30 mm.

OPERATING.

MODULE'S SUPPLYING. The Circuit I-131 had to be supplied by 230 VAC. Using an adequate plug and a cable for mains connect this last one to the input terminal 230 VAC. Install a fuse and a switch as it is indicated in General Wiring Map (see hereafter). Both are necessary to protect the module and for your own security, as it is indicated in EEC regulations. Then, verify that you have correctly connected the module.

Before to connect the module to the mains inserting voltage, please do the rest of connections specified hereafter.

Don't forget that in several part of the module there is voltage (230 VAC), for this reason we suggest you to be careful.

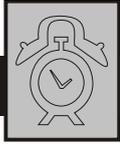
TIMING. The time adjustment is made thanks to the potentiometer indicated in the General Wiring Map. Start the operating test placing the potentiometer at the minimum; then you could adjust it according to the wished time.

To start the I-131 timing, install a push button at the indicated terminal in the General Wiring Map. You have to use a quality push button and if the required cable for your assembly is superior than 20 cm, you have to use a coaxial cable. Each time that you activate the push button, the timing will start activating the output and lighting on the operating indicator led. If you push again the button during the operating time, the module will start again from the beginning.

EXTERIOR INSTALLATION OF THE POTENTIOMETER. If you wish to substitute the potentiometer inserted in the P.C.B, you had to withdraw the soldering. Then, connect cables between the element or jumper indicated as "J1" and the new potentiometer. This last potentiometer have to be lineal and offering 4M7. The cable has to be inferior than 30 cm.

OUTPUT. CONNECTION OF THE LOAD. The output Module (I-131) is controlled by a relay, allowing any load until 5 A. as maximum consumption. The relay has 3 output terminals the normally open at quiescent (NA), the normally closed at quiescent (NC) and the common. The operating of this mechanism is the same as a switch with two (2) terminals NA and common, if you wish that the output will be activated during the timing, or between the NC and the common to obtain the reverse operating.

In the Output connection paragraph, you could appreciate the typical connection for a devices operating at 12 VDC and to operate at 230 VAC.

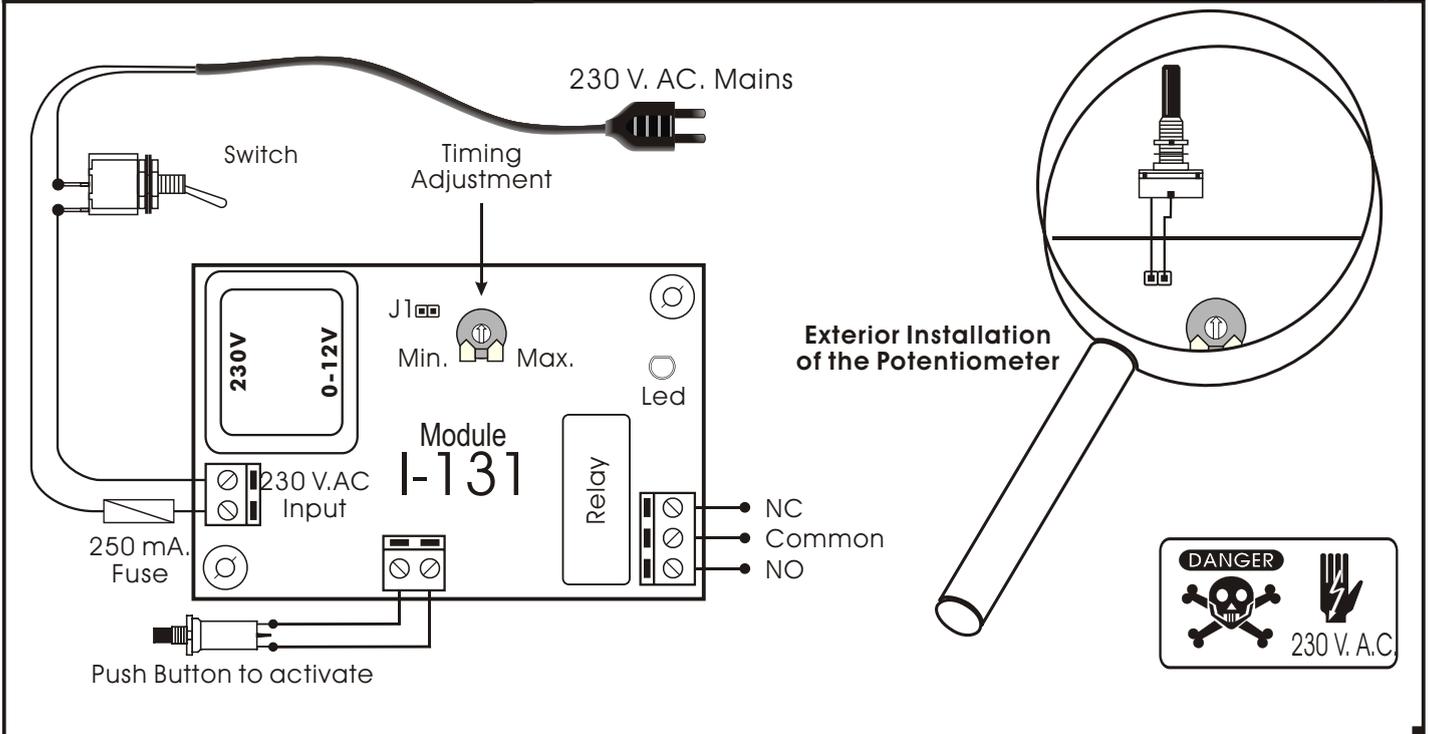


TIMING

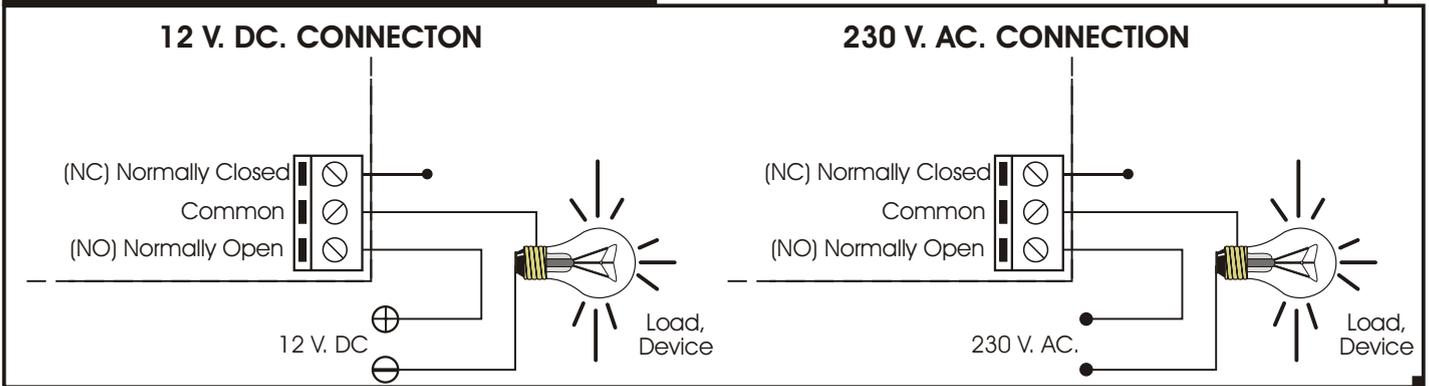
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I-131

GENERAL WIRING MAP.



OUTPUT CONNECTION. LOAD.



TECHNICAL CONSULTATIONS.

If you have any doubt, you could contact your wholesaler or our Technical Department.
 - Via E-Mail, sat@cebek.com | by mail P.O Box 23455 - 08080 BARCELONA - SPAIN.
 - **Keep the invoice of this module.** For any repair, the corresponding invoice had to be added. If the invoice is not presented together with this module, the module's warranty will be automatically cancelled.

All the module's CEBEK have **3 years of total warranty** in the technical

**MORE 300
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CEBEK is trade make of FADISEL S.L. more than 300 module's are available in stock for any purpose **request our CATALOGUE**, or visit our Web. [Http://www.cebek.com](http://www.cebek.com)

**WARRANTY
3
YEARS**