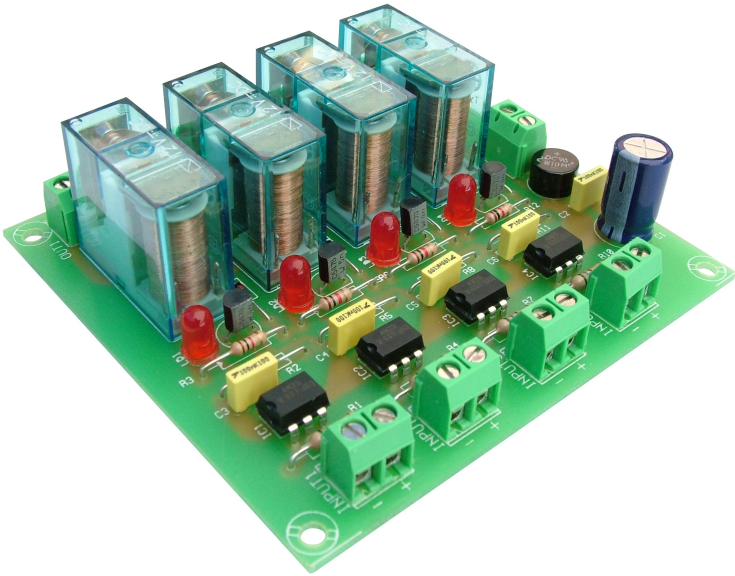




## 4 OUTPUTS BY RELAY INTERFACE T-1



### TECNHICAL CHARACTERISTICAS

Voltage. ....	12 V. DC
Low energy. ....	0.2 mA.
Maximum consumption. ....	200 mA.
Current Min. Entry ....	10 mA
Low voltage. Input. . ....	3 V. DC
Max. Input. ....	24 V. DC
Max. Relay output. ....	3 A.
Reverse polarity protection. ....	Yes.
Sizes .....	94 x 87 x 30 mm.

The T-1 is a four-output interface completely isolated from the input optoelectronic couplers. When injected on any input voltage between 3 and 24 V. DC. and while it remains applied, the corresponding output activated. Allows Control TTL or CMOS signals. Incorporates protection against reverse polarity LED indicators and terminals work.

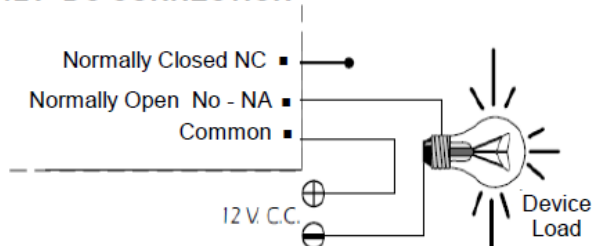
**POWER SUPPLY:** The T-1 must be supplied with a voltage of 12 V. This can be DC so you can choose the most convenient. We'll show the wiring for an installation 12 V.DC, Powered by FE-2 Cebek source. Install a fuse and a switch as illustrated. Both are essential to protect the module for your own safety, as reflected in the CE standard. Queried the provision of the outputs of the source, positive and negative power to the input terminals indicated in the drawing. Then, verify that installation was successful.

**OPERATION:** The T-1 has four inputs, each independently from each other and with their corresponding outputs. In each of these entries, by injecting a voltage signal, the corresponding output be activated by connecting to the relay, and will continue in that state while the input is applied to maintain the signal. The voltage applied to the inputs may be different from each other, but they can never be less than 3 V. not more than 24 V. DC.

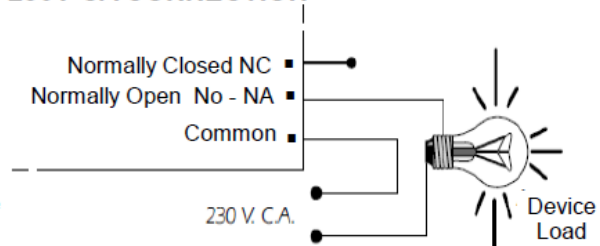
**INSTALLATION:** Connect the wiring of your signals to the inputs. Notice in the identification of the polarity of these and respects the positive and negative wiring. Ensure that the wiring used for mounting not exceeding 30 cm. If you use shielded cable exceeded, although it should not exceed 150 cm. as a maximum distance of final installation.

**CONNECTION OF OUTLETS. CHARGES:** The outputs of the T-1 is performed by relays, devices that support any type of load does not exceed 3 A. The relay has three output terminals. The normally open at rest (NA), the normally closed at rest (NC) and the Joint Operation of this mechanism is identical to a switch whose two terminals NA and the common Giving way or cutting 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 connection for a device operated at 12 V. DC. and one operated at 230 V. C.A. See paragraph Connecting Loads.

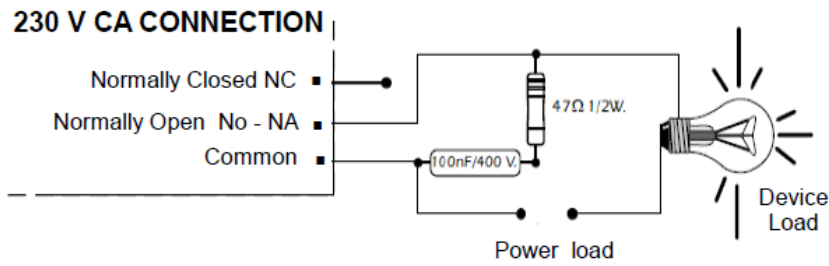
#### 12V DC CONNECTION



#### 230V CA CONNECTION



**ABOUT THE OUTPUT :** During operation of the circuit, and according to its load, it could happen fluctuation or an incorrect output performance. If this happens, install a circuit sparking between the two relay contacts used in this connection, as shown in the drawing.



**GENERAL WIRING MAP**

