

## 4 OUTPUTS BY RELAY INTERFACE

It disposes of 4 independent outputs by relay, each opto-coupled control voltage from 9 to 24 V. D.C.. It allows signals TTL and CMOS. Specially indicated for micro-computers, as power driver for robots, etc...

**Don't forget to read all the information mentioned hereafter to obtain a perfect operating of the modul.**

### TECHNICAL CHARACTERISTICS.

Voltage.....	12 V. D.C. (from 9 up to 24).
Maximum Consumption.....	200 mA.
Maximum Operating Frequency.....	2 Imp./Seg.
Insulating Voltage.....	1500 V. A.C.

#### CIRCUIT Nº1

Voltage.....	From 3 to 24 V. D.C.
Medium Consumption.....	20 mA. D.C.

#### CIRCUIT Nº2

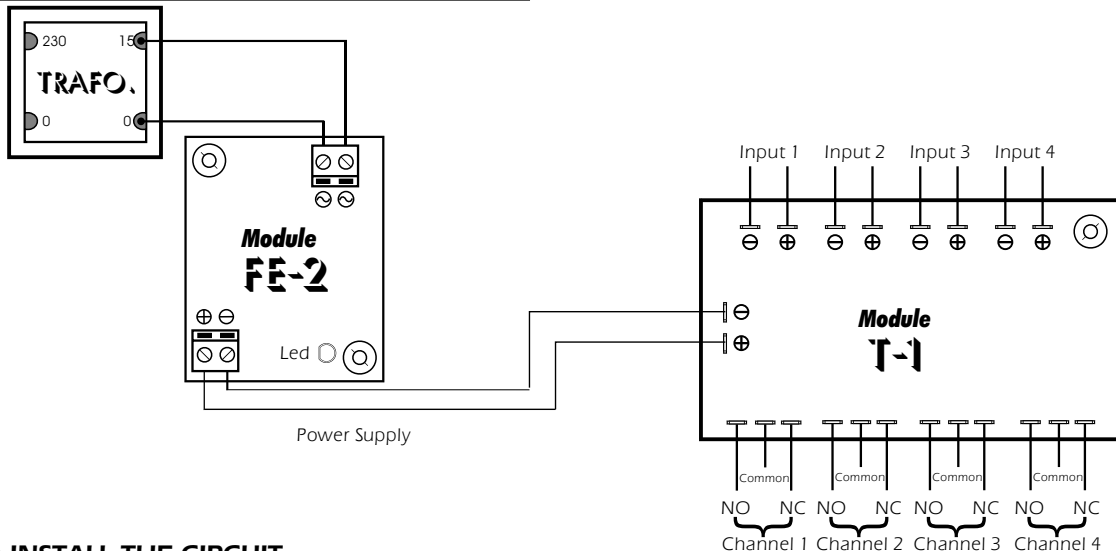
Maximum Intensity.....	5 A. D.C.
Maximum Voltage.....	230 V. A.C.
Maximum Power.....	500 W. A.C.

**Note.** Circuit Nº1 and Circuit Nº2, date are indicated for each channel.

### OPERATING.

Interface composed by four (4) opto-coupled outputs by relay, with a galvanic separation between circuit and load. The applied signal in each input is transmitted through an opto-coupler to the transistor which excites the output relay. The relay is composed by opened and closed outputs in order to increase the circuit's changeable mode.

### HOW TO INSTALL THE CIRCUIT.



### ADVISES TO INSTALL THE CIRCUIT.

- In order to obtain a good installation of the circuit as well as its perfect operating, please proceed as follow.
- Install the T-1 circuit into a metallic box, connecting the negative terminal of the Power Supply to the box.
- Do not use the same power supply to supply T-1 circuit and Signals.
- Use a shielded cable to transmit signal from control circuit to the T-1 circuit.
- To activate load with a high consumption, use the corresponding relay and install it far away from the T-1 circuit.

### TECHNICAL SUPPORT AND INFORMATION.

For any questions or more information: **By Fax.** (24h.) +34.3. 432.29.95 **By E-Mail:** [cebek@sakma.es](mailto:cebek@sakma.es)

**By Mail:** C/ Quetzal, 17-21, Entlo. 2º (08014) BARCELONA - SPAIN.

**Keep you invoice.** For any repairing could you send this with module. Else, the module will lost the warranty.