



# I-97

## 8 CHANNELS MULTIPLEXED RECEIVER.

The I-97 module is a 8 channels multiplexed receiver. With this module using 2 cables and the I-95 module, you could control 8 independent loads with a maximum distance of 600 m. between emitter and receiver. It is supplied by 12 VDC (recommended power supply : FE-4).

### TECHNICAL CHARACTERISTICS.

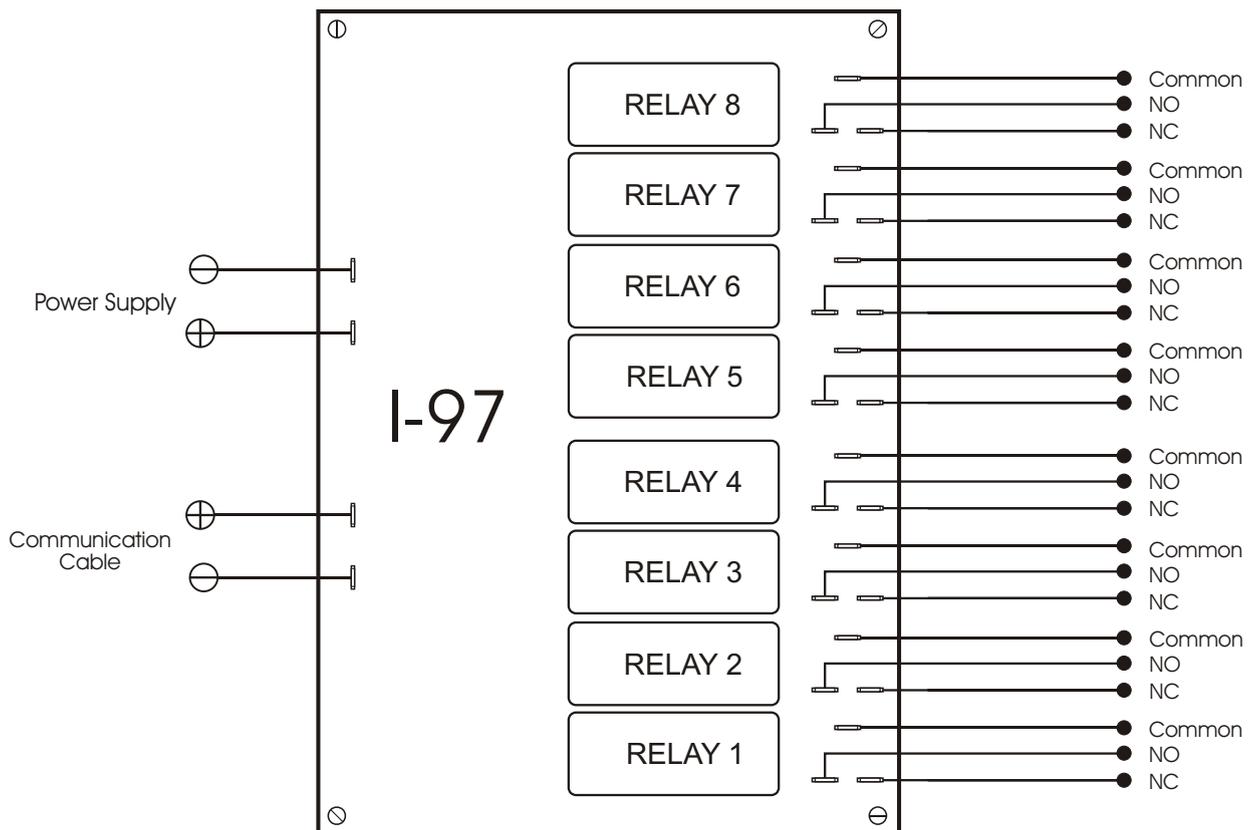
Voltage .....	12 V. D.C.
Minimum Consumption .....	10 mA.
Maximum Consumption .....	350 mA.
Maximum Load Accepted by the Relay .....	1 A.
Maximum Distance .....	600 m.
Protection Against Polarity Inversion .....	Yes.

### OPERATING.

**MODULE'S SUPPLYING:** The Circuit I-97 has to be supplied by 12 VDC. We suggest you the FE-4 module which perfectly answer to modules needs.

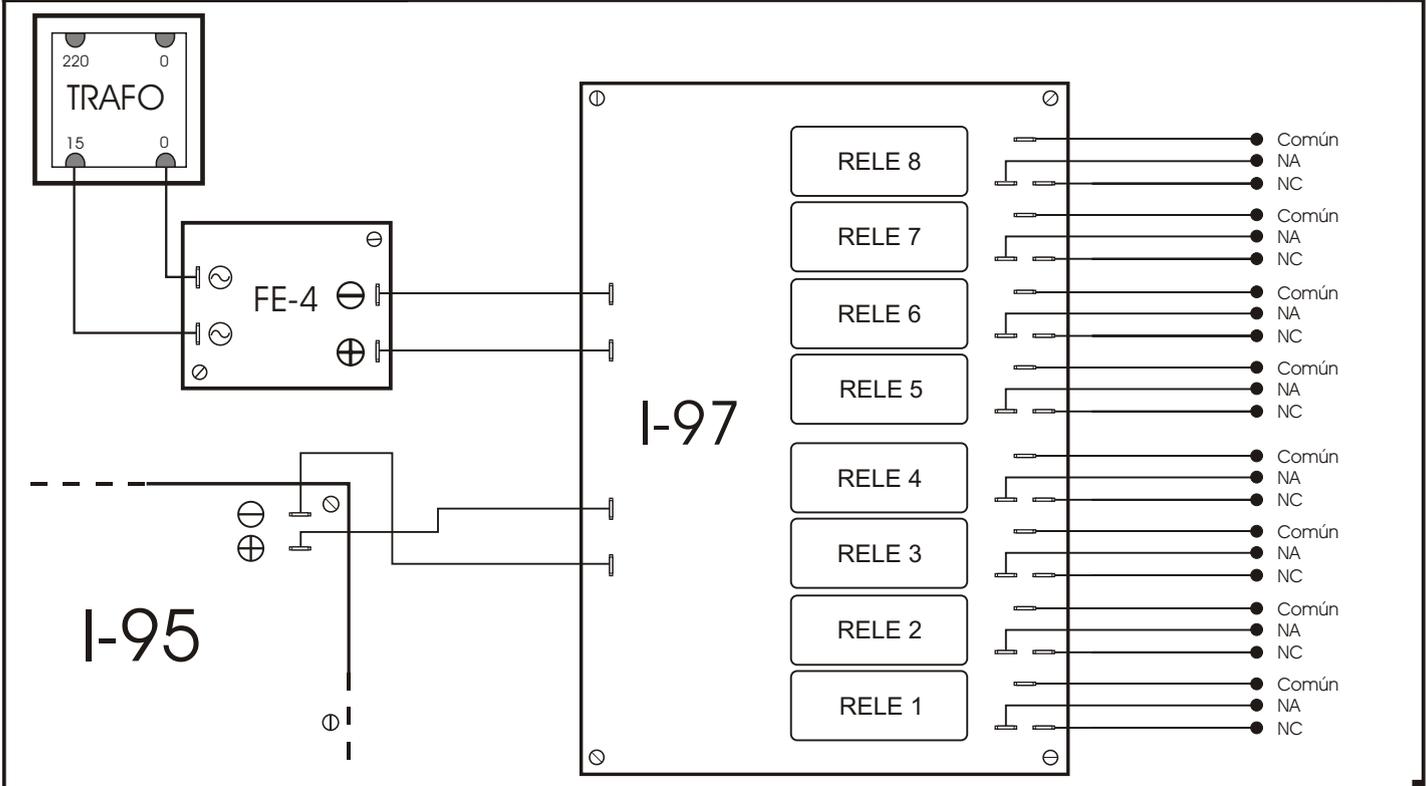
Connect the positive terminal with the positive terminal of the power supply; then do the same operation with the negative terminal.

**OPERATING:** Connect the positive and negative cable of the communication cable with the corresponding terminals of the I-95 module. For industrial installation, or where there are interference, you have to use a shielded cable, connecting the copper part to the negative terminal and the internal cable to the positive. When these operations will be done, to connect wished relay(s) close the corresponding switch.





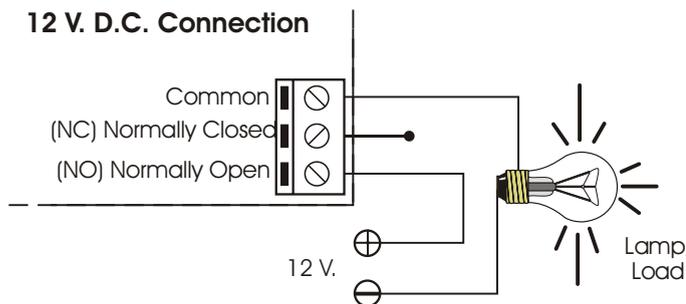
## HOW TO INSTALL.



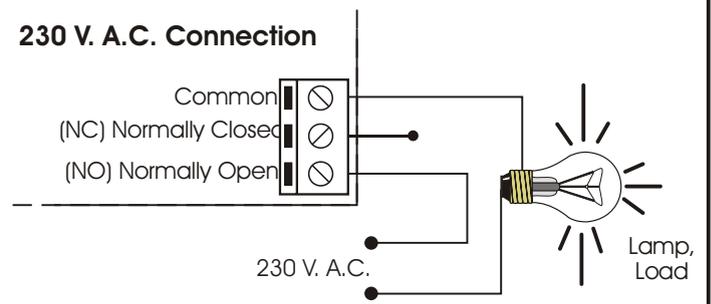
## LOAD CONNECTION.

**OUTPUT. CONNECTION OF THE LOAD.** The output Module is controlled by a relay, allowing any load until 3A, as maximum consumption. The relay has 3 output terminals the normally open at quiescent (NO), the normally closed at quiescent (NC) and the common. The operating of this mechanism is the same as a switch with 2 terminals NO and common, if you wish that the output will be activated during the timer, 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 V. D.C. and to operate at 230 V. A.C. The installation is between the common and NO, when the device or load that you wish to control will be activated during the operating time. To obtain the inverse

### 12 V. D.C. Connection



### 230 V. A.C. Connection



## TECHNICAL SUPPORT AND INFORMATION.

For any question or more information: E-Mail: [cebek@sakma.es](mailto:cebek@sakma.es).

**WARRANTY**

# 3 YEARS