



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.

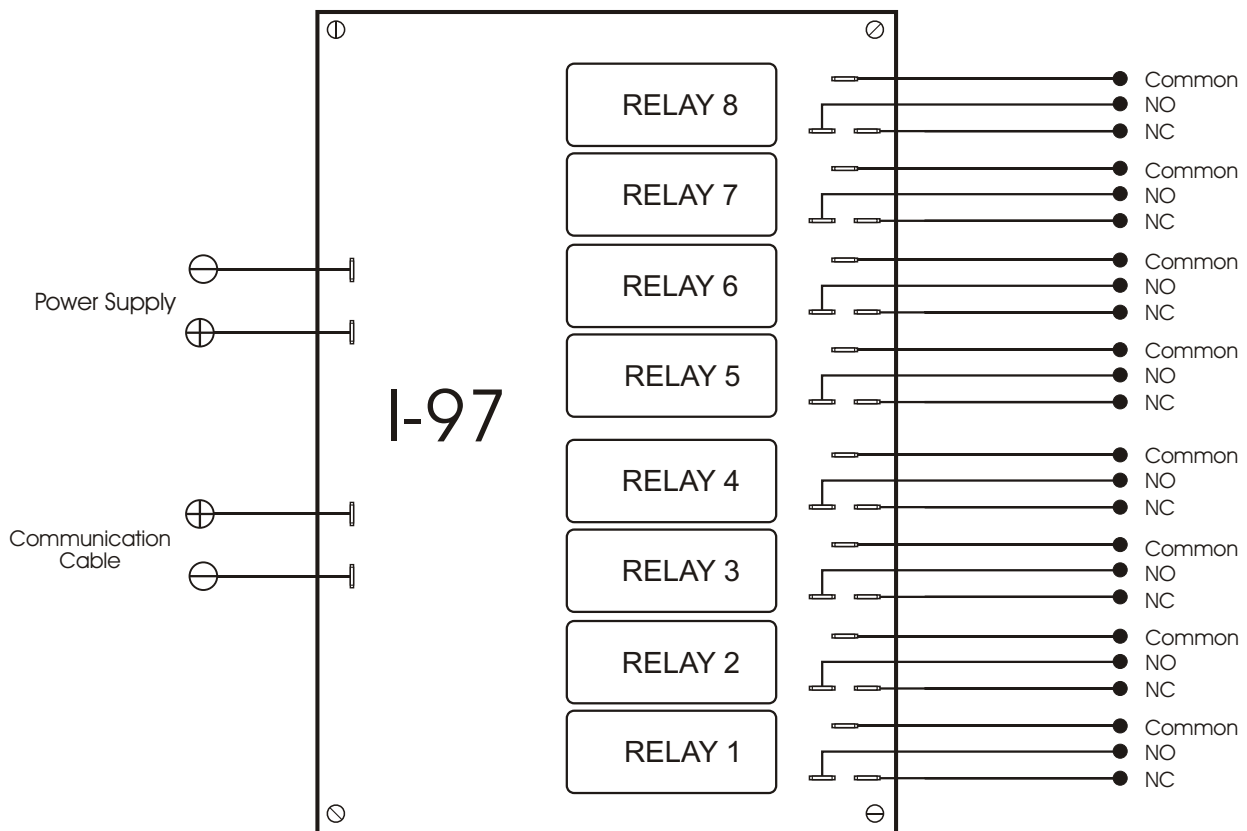
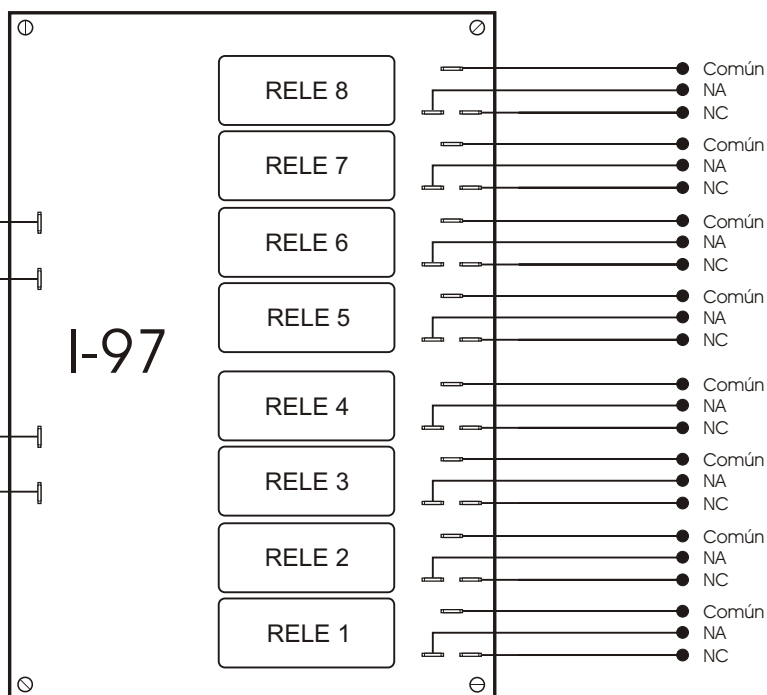
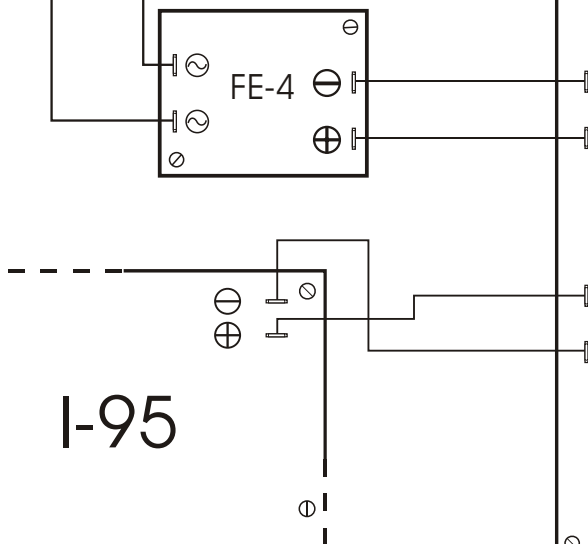




Diagram of a transformer (TRAFO) with four terminals labeled 220, 0, 15, and 0.



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, where 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

Common
(NC) Normally Closed
(NO) Normally Open

12 V.

Lamp Load

230 V. A.C. Connection

Common

(NC) Normally Closed

(NO) Normally Open

230 V. A.C.

Lamp, Load

For any question or more information: E-Mail: cebek@sakma.es.

WARRANTY

3 YEARS