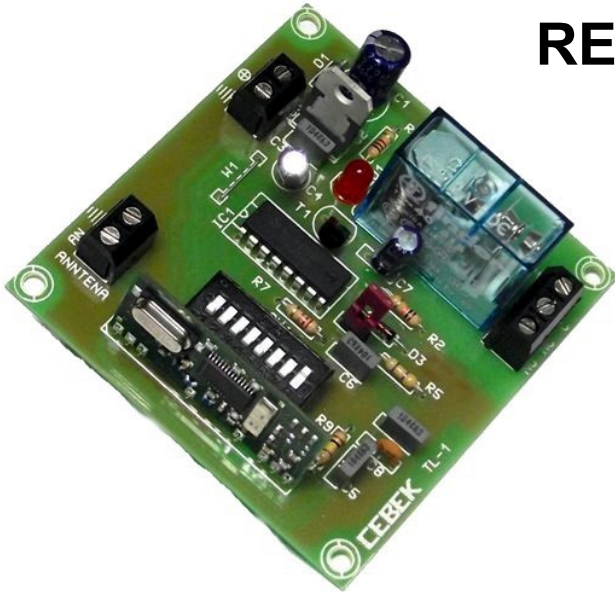




cebek[®]

RECEIVER REMOTE CONTROL TL-1



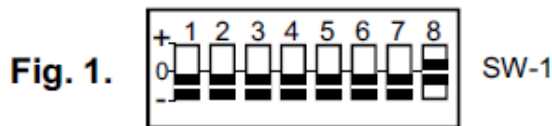
TECHNICAL CHARACTERISTICS

Supply Voltage.	12 V. DC
Minimum consumption.	15 mA.
Maximum consumption.	55 mA.
Working frequency.	433.92 Mhz. Max.
for output.	3 A.
Measures.	72 x 76 x 26 mm.
Weight	51 gr.
DIN Rail	Ref . C-7565

The remote receiver of a channel relay output. The TL-1, recognize the signal sent by the issuer to check the code and connect the output while the transmitter button is engaged. Supports setting of between 13,122 security code combinations. Issuers supports Cebek TL-5, TL-6, TL11, TL-12, TL-13 and TL-14 Microswitches incorporates code selection, antenna input, output and LED indicator terminals.

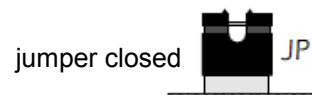
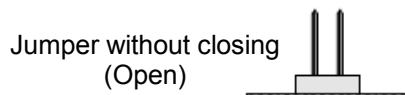
POWER SUPPLY. The TL-1 must be supplied with a voltage of 12 V. DC. properly stabilized, so we recommend not using simple feeders or rectifiers, which adversely affect the operation of the module, power supply sinouna. We suggest the FE-2 or FE-103, which is well suited to the needs of the circuit, or for portable applications a battery of 12 V. Install a fuse and a switch as illustrated. Both are necessary for the adequate protection of the module for your own safety, as reflected in the CE standard. Asked the layout of the output of the source or battery, the positive and negative power to the corresponding input terminals indicated in the drawing. Finally make sure that the installation was successful.

OPERATION. All remote controls often Cebek working on 433.92 MHz approved for TL-1 features an array of micro-switches, SW-1, through which you can configure a security code that makes the difference and unique to each module. Have up to 13,122 different combinations to make your own code. Look at the fig. 1, there micro-battery switch, SW-1 has 8 switches, each of which may be located in three different positions, "-", "0" and "+". Change the layout from the factory and picking modifying their code switches staff. Note that there is communication with the issuer, it must be configured with the same code used in the receiver. Once you have set the sender and the receiver with the desired code, activate the power module. Then press the button on the transmitter, while you hold the output will remain connected, when released, the output is disconnected



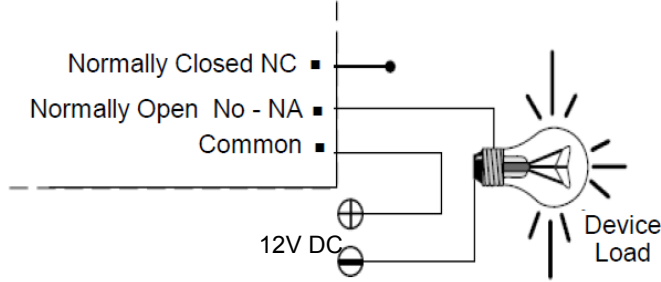
INSTALLING THE ANTENNA. The module required for clear reception an outdoor antenna that lets you optimize performance. Noting the General Wiring and install the antenna. This may be any metal rod with a length of 130 mm. Or an outdoor antenna or C-0509, C-0510.

Output configuration. In addition to control by its corresponding transmitter, TL-5, the remote channel receiver supports the use of TL-6, TL-11, TL-12, TL-13 and TL-14, 2-channel transmitter. The factory setting is provided in use for a single button (JP1 jumper closed). To control the TL-1 through TL-6, TL12, TL-14, having the choice of two buttons on the transmitter, which connects the output of the receiver, you can simply remove the closing piece "JP" JP-1 jumper and leave it in the open state. Remember that for the TL-1 for use with the issuer of a JP-1 channel should be closed

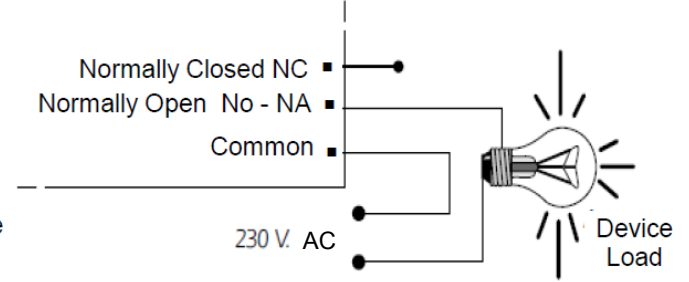


OUTPUT CONNECTION. LOAD. The output of the TL-1 is controlled by a relay device that supports any type of load does not exceed 3 A. The relay has three output terminals. The rest normally open (NO), the normally closed at rest (NC), and the common operation of this mechanism is identical to a switch, whose two terminals NA and the common to the inverse function must be used and Common terminal NC is shown in Figure the typical connection for an appliance operation to 12 V. DC. and one with 230V AC operation.

12V DC CONNECTION

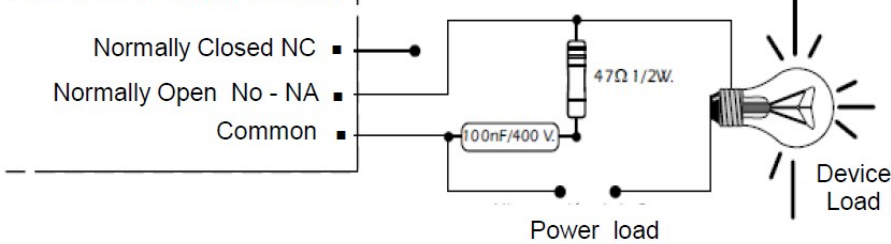


230V CA CONNECTION



ABOUT THE OUTPUT. During operation of the circuit, and according to its load, this could be a fluctuation or an incorrect operation of the output. If this occurs, install a spark circuit between the two relay contacts used in the connection

230 V CA CONNECTION



GENERAL CONNECTIONS

