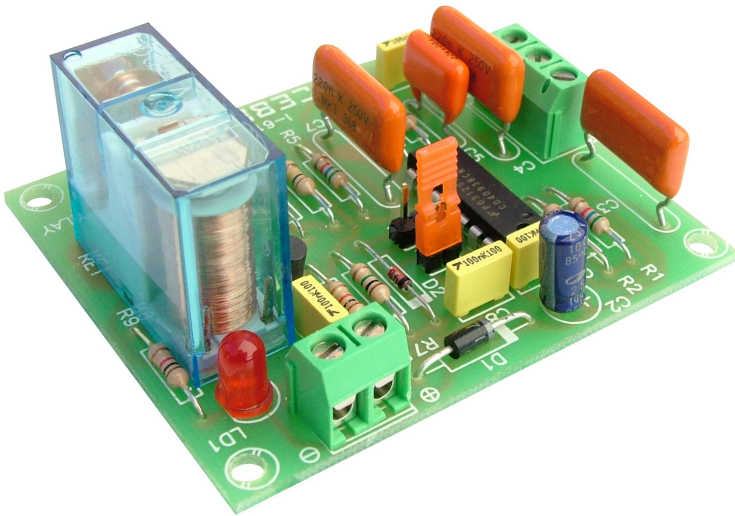


WELL CONTROL AND DEPOSITS

I-63



THECNICAL CHARACTERISTICS

Voltage.	12 V. S.C.
Low energy.	10 mA.
Maximum consumption.	60 mA.
Maximum load admissibility	5 A.
Reverse polarity protection.	Yes.
Size	68 x 57 x 30 mm.

Automatims for automation of the functions of filling reservoirs and tanks, or liquid extraction for wells and ponds. Allows you to choose either job functions. The activation / off is done relay. Incorporates sensing probes.

OPERATION

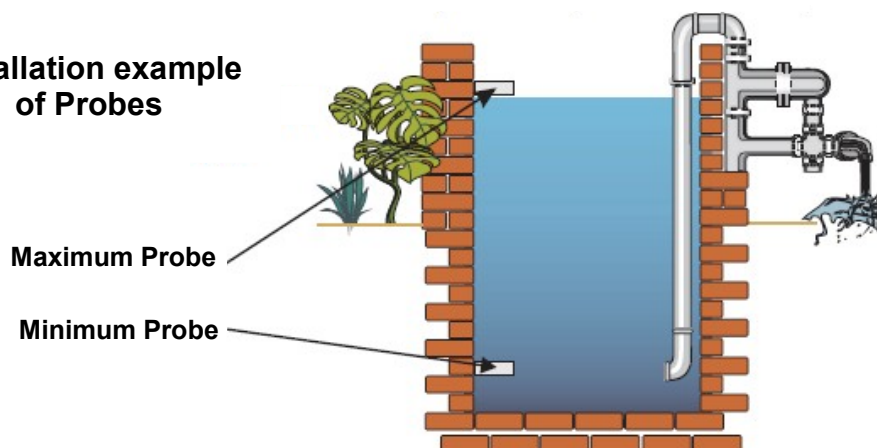
POWER SUPPLY: Module I-63 must be supplied with a voltage of 12 V. S.C. Properly stabilized, so we recommend not using simple power supply, which adversely affect circuit operation, but a power supply. We suggest the FE-503 or FE/103, adapted perfectly to the needs of the circuit. Observe the General Wiring. Queried the provision of source output, a positive and negative power, with the entry for the terminal module indicated in the drawing. Make sure that you have correctly and do not activate the switch supplying the current until having read the rest of the instruction sheet.

OPERATION: The operation of the I-63 can be divided into two main modes or functions, the well function or tanks or deposit. Then, connect the probes of maximum and minimum as shown in paragraph General wiring, and the height where you want to control the water level.

WELL FUNCTION : With this function, the module will automatically control the extraction of water from a well or pond, keeping the water level falls below a minimum or exceeds a maximum level. To configure the module in this mode, first change the length or manner JP1 jumper to close the terminal for this function. Observe the General Wiring. When the water reaches the maximum level, the module will activate the relay and connecting the extraction starts. Over time, the water level coming down and when you reach the minimum probe, the module will stop disconnecting the relay output. The I-63 again wait until the water reaches the top probe and then the process is repeated.

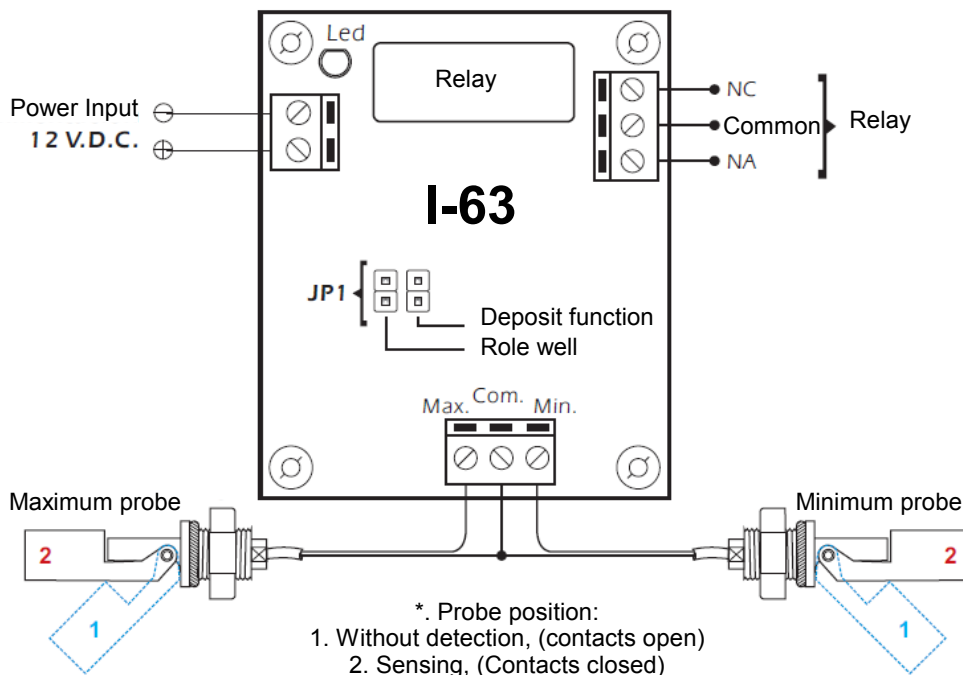
DEPOSIT FUNCTION: In this role, the module will automatically control the filling and level of a reservoir or tank, preventing the water level drops below a exceeds a minimum or maximum. To configure the module in this mode, first change the length or manner JP1 jumper to close the terminal for this function. Observe the General Wiring. When the water level falls below the minimum probe, the module will activate the relay and connecting the filling starts. By the water level sensor maximum output module stop disconnecting the relay. The I-63 will be kept waiting for that again, the water returns to fall below the minimum probe and then the process is repeated.

Installation example of Probes



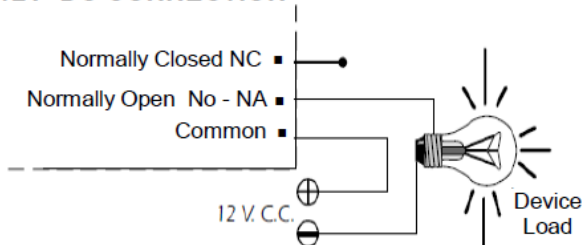
RELAY CONNECTION: The I 63 uses a relay device that supports any type of load does not exceed 5 A. This mechanism is identical to a common switch, opening or closing the terminals to allow or disallow the passage of current from a power line load. The terminals NA and the common to the inverse function must be used and NC terminals Paragraph Common relay connection, shows the typical connection for a device (load), with operation to 12 V. S.C. and one operated at 230 V. C.A.

GENERAL WIRING

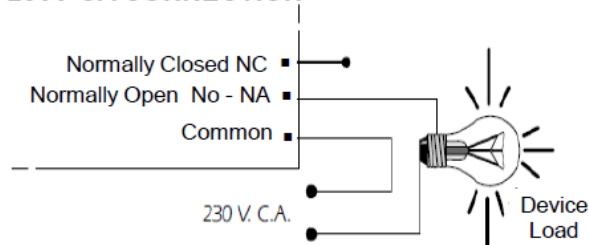


CHARGING RELAY CONNECTIONS

12V DC CONNECTION



230V CA CONNECTION



ABOUT THE OUTPUT: During operation of the circuit, and according to its load, may cause a fluctuation or an incorrect output performance. If this happens, install an anti-spark circuit (capacitor type X2 100nF/400 V. and resistance 47. 1/2 W) between the two relay contacts used in

230 V CA CONNECTION

