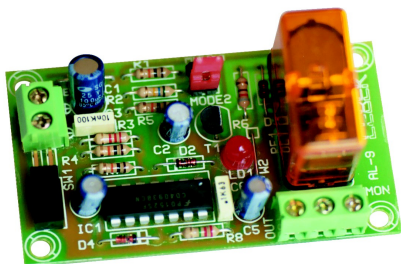


AL-9

ALARM FOR MOTORBIKE



CHARACTERISTICS

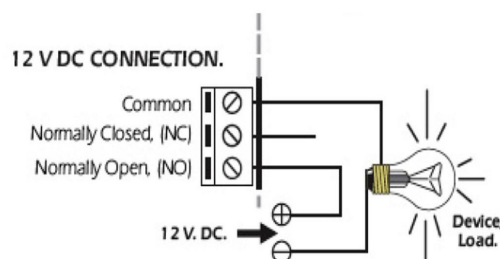
Voltage	12 V D.C.
Minimum consumption	5,5 mA
Maximum consumption	58 mA
Maximum load on relay	5 A
Alarm time	29 seg.
Sizes	67 x 40 x 30 mm.

This alarm is activated by movement, specially design for motorbikes. It accepts a timed activation in intermittence or continuous mode . It includes probe, relay output and indicator led ,

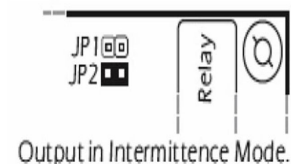
Installation. Directly to the battery if it is installed on motorbike. Install a fuse and a switch has it is indicated on the schedule. Both are necessary for the module's protection as well as for your own safety, as it is required by the CE regulation. Connect the positive and negative the of the battery to the positive and negative terminals of the module, indicated in the wiring map. Verify that the assembly is correct.

Output connection. Load. The AL-9 is controlled by a relay, component electrically insulated from the rest of the circuit and which accepts any load up to 5A. The relay is not a component supplying but its function is limited to accept or deny the voltage like a standard switch. For this reason you have to supply the load through this component.

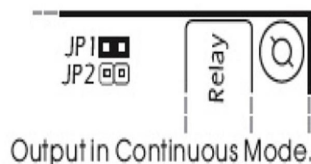
The relay has three output terminals: the normally open quiescent (NO), the normally closed quiescent (NC) and the common. Install it between the common and the NO. For the inverse function you have to place the load between the NC and common.



Operating. When the probe of the module will detect a movement, the output is automatically activated during 29 seconds. Once this time finished, the output is desactivated and the circuit will remain in quiescent up to the probe detects again a movement. To stop the alarm once activated you have to disconnect the module.



Output in Intermittence Mode.



Output in Continuous Mode.

Output modes. During the activation time of the alarm, the circuit allows two possibilities to connect the output, an intermittent connection, in which the relay will act in constantly intermittence during the timing, or a continuous connection, in which the relay is activated up to the end of the timing.

To select an operating mode, you have to connect the two terminals of the corresponding jumper. If you connect both terminals of the Jp1 jumper, the output is configured for a continuous operating mode. At the opposite, if you connect terminals of the Jp2 jumper, the output is configured for an intermittent operating mode .

Do not forget. Even if it is not recommended, if you need to adjust the or at sensivity of the alarm timing, you have to change the 10uF capacitor identified as C5 by and other capcitor with a lower value for an inferior time. For a superior time, you have to use a higher capacitor. The new capacitor can't be inferior than 1uF neither superior at 47 uF.

If your installation requiere to remove the probe from the Pcb, you have to use a shielded cable and connect the braid to the negative. The distance has to be inferior than 20 cm.

All damages do to a wrong handling to do these modification will be out of the warranty.

