



KuSaBa Engineers Pvt. Ltd.

EZ-ALARM Omni-directional Anti-Lift module

EZ-ALARM is a LOW COST advanced microprocessor controlled Omni-directional ANTI-LIFT module to be used on all types of Vehicle Security systems. In its EVALUATION form the EZ-ALARM is a 2"x2" module able to detect angular position deviations from previously remembered vehicle orientation. The module includes error detection algorithms to minimize false alarm activations which may occur due to snow, rain, temperature, sudden short shock, etc. The design complies with THATCHAM guidelines as stated in sections: Iss. 02, BV02 and AA02. Includes internal supply regulation and Low stand-by current. Output is a standard NPN transistor in an Open Collector configuration. The design includes 8 hardware selectable detection levels and a self-detecting SERIAL communication port to PC through standard terminal mode at 600 to 19200 Baud rates. Alarm active time could be hardware selected between 2msec and 580 msec. The module could operate with DX-008D sensor for higher sensitivity in a ± 20 arcdeg tilt range. The unit could be produced as a small potted module with 3 terminals to fit currently marketed alarms or to be incorporated into future designs.

Specification	Data
Power	5-18 Vdc
Current	0.9 mA max in stand-by
Output	NPN OC
Alarm Current	100 mA
Tilt Range	± 60 arcdeg
Primary detect	3 arcdeg
Sensitivity	0.02 arcdeg
Alarm Signal	500-580 msec
Reactivation	40 sec, automatic
Connector	3 pins: Vcc,GND,OUT

26, Amar Society, Gulmohar Path, Off Law College Road, Erandawane, Pune – 411 004,
PHONE: +91 –20 – 25464818, 25433879,25431293, FAX: +91 – 20 25446759.
Email: info@kusabaengrs.com, WEB – www.kusabaengrs.com