CAR SECURITY SYSTEM via SMS (Short Message Service)

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Abstract
Interior car theft today happens to bloom even with the theft of the car itself, if the car is parked at a short distance away from the owner and security in the parking lot was not tight, it will be very risky for the safety car. To overcome these problems, it needed a system that can be used for car security in its use does not depend on the distance, which is using the security system via SMS (Short Message Service).

In this instrument activates the system the first time in a standby state by sending SMS to the system mobile phone (SIEMENS C55) via user’s mobile phone before leaving the car. To detect the theft of cars, the limit switch sensors placed on the handle of the car, which is on the left side of the front door, front right, center left, center and right rear door. Combination of data from active sensors is processed by the microcontroller to send SMS to mobile users via mobile phone system, activate the alarm, and LED light. Users can disable all the outputs by sending SMS to a mobile phone and the system re-conditioned systems in standby.

In this tool has done the activation of the sensor with some combination of the lift car door handle. All output is active when there is an active sensor. SMS can be received by mobile users about the security status of the car and the user can give instructions to the microcontroller via SMS.

Keyword : Short Message Service (SMS), Limit Switch, Car Security.
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