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ELECTRONIC LOCK

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ABSTRACT

The project is about the electronic lock using the IC's timer, SCR (SN101) ,relay and push button switches and the other components

We use two IC's timer (555), which operates in the monostable and astable mode. The push button switches is used for the combination lock. The code used cannot be changed easily,once a wrong switch is operated,the relay cannot be energized even if the right switches are pressed immediately thereafter and this will giving an alarm.

This project is important in the security agencies or company. Moreover we can produce the new term of the electronics lock devices to make the easier and controlling the system very professionals

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MAY GOD BLESS ALL OF US, AMIN...

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Introduction

This report outlines the design of ELECTRONIC LOCK system that operates by implementing basic principle of IC Timer (555) and operations. The system was constructed with the combination of a Lock basic for the security project use the pushbutton switch and relay.

Combining and outlining all the requirements as formalized by the department of Electrical Engineering, MARA University Of Technology, hereby we produce our simple with state of the art design which we name as Electronic Lock.

We are hoping that this project will fulfill all the desired requirements for our final year project to and hope that it will also increase our engineering knowledge.

This report will take us to the understanding of the whole system of our project design ensuring with the basic knowledge about this system.