DEPARTMENT OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MARA
CAWANGAN PULAU PINANG

FINAL REPORT OF DIPLOMA PROJECT

1 TO 100 MINUTE TIMER RELAY

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MOHD HAMIZI BIN HAMZAH
2001360597
MOHD MAHATHIR SUHAIMI B. SHAMSURI
2001360883

SUPERVISOR`S NAME:
CIK LINDA BINTI KASIM

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ABSTRACT

First what must we know this project KEU 380 is pre-exquisite course for diploma electrical engineering. We had learned a lot of this project especially to make a circuit maker and how to derive the circuit.. We also learn how to make or connect the circuit in successfully. The project 1 to 100 minute timer relay that we do is a timer project which it can be set a time in the range that we want. The project can apply it in the traffic light and bulb mentol that we can set the time that we want to control it. This project takes 1 month to finish it.

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CHAPTER 1

1.1) INTRODUCTION

1.1.0) Background

The project '1 to 100 minute timer relay' used the component is resistor, capacitor, IC, switch, relay, transistor and diode. The important part of the component is IC, this project is used two IC is 555 and 14020.

This project is an accurate long duration timer delay driver, switch able between 1 to 10 minutes or to 10 to 100 minutes and whose function does not depend on electrolytic capacitors. This project will apply in the traffic light, lamp in the house and otherwise. We also to identify the comfortable for the people which we want to do some a good items that have a timer. With the timer most people know or ready to do some activity example to stop the machine with the accurate time. My project is very suitable to apply it in the life.