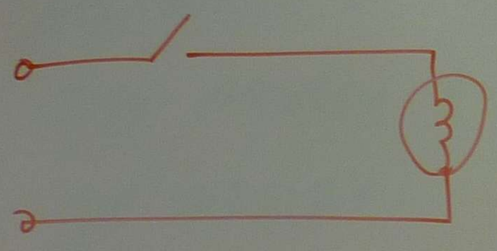
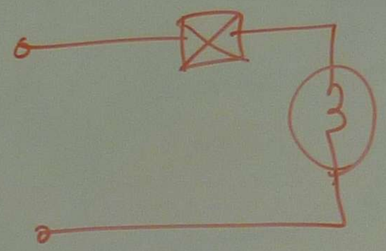
LIGHTING CONTROL

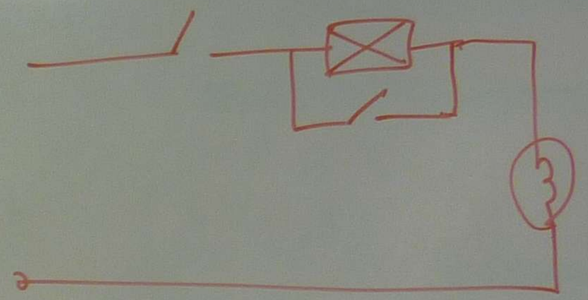
MANUAL CONTROL, AUTOMATIC CONTROL, AUTOMATIC CONTROL WITH MASTER SWITCH



MANUAL



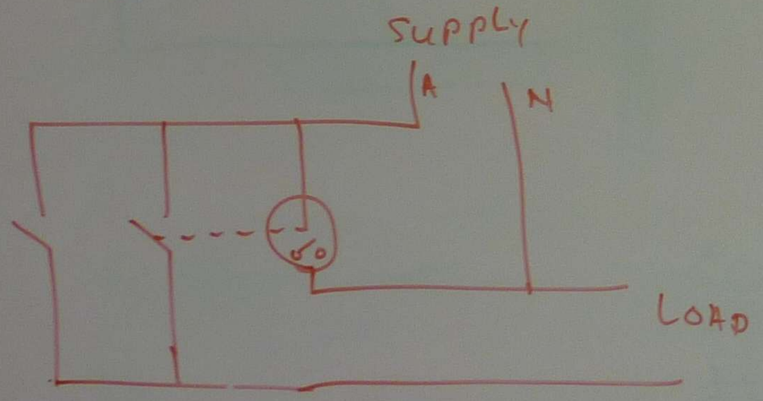
AUTOMATIC



AUTOMATIC CONTROL WITH MASTER CONTROLLER ON/OFF

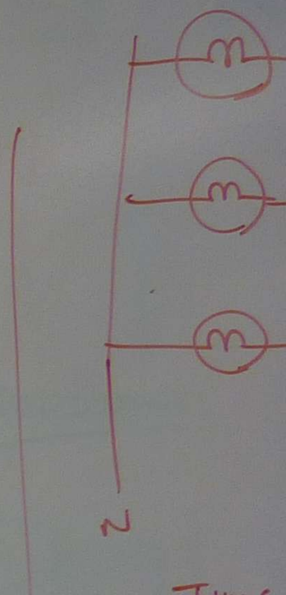
MANUAL CONTROL (OR) AUTOMATIC CONTROL

TIMER SWITCH

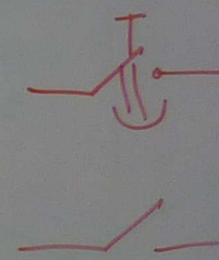


TIMER SWITCH IS PROVIDED FOR ENERGENCY EFFICIENCY. / REDUCTION

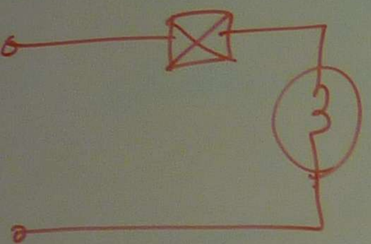
TIME DELAY SWITCH - DIGITAL ELECTRONIC TIME SWITCH



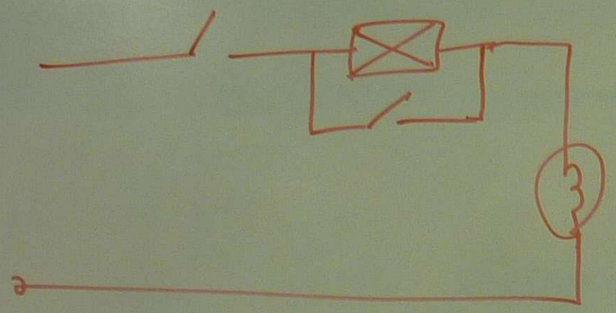
TIME



ROL, AUTOMATIC CONTROL WITH MASTER SWITCH



AUTOMATIC



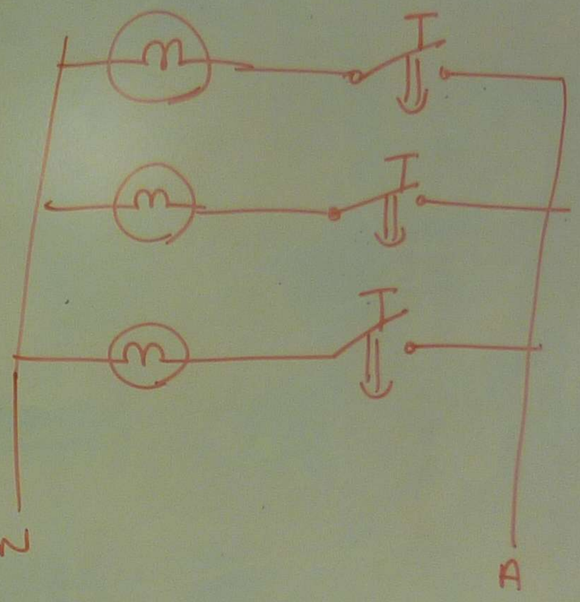
AUTO MATIC CONTROL WITH MASTER CONTROLLER ON/OFF

MANUAL CONTROL (OR) AUTOMATIC CONTROL

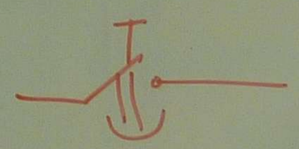
TIMER SWITCH IS PROVIDED FOR ENERGENCY EFFICIENCY. / REDUCTION

TIME DELAY SWITCH - DIGITAL ELECTRONIC TIME SWITCH

AD



TIME DELAY SWITCHES



TIME DELAY SWITCH

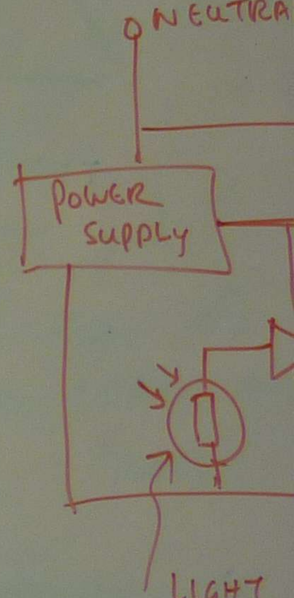
ORDINARY ON/OFF SWITCH

LIGHT SEN

MANUAL SWIT

CAN NOT SE

LIGHT SENSIT



DO NOT USE PERMANENT MARKER

A

Y SWITCHES

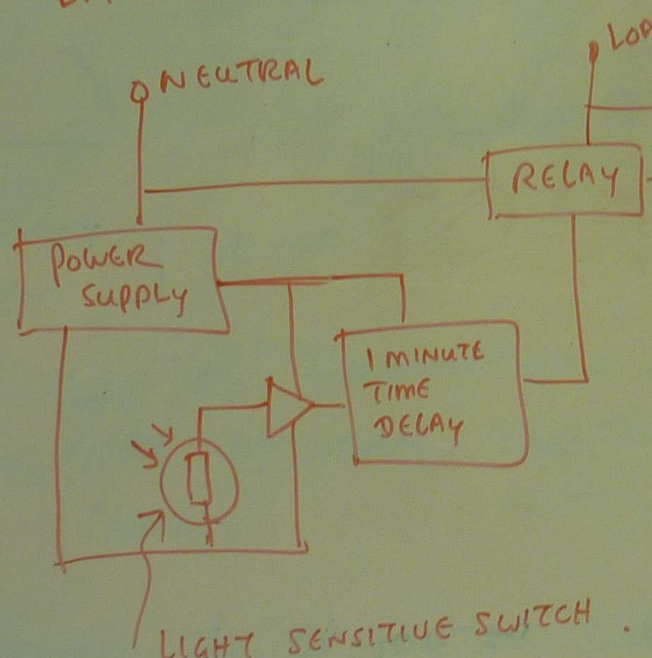
IME DELAY SWITCH

DINARY ON/OFF SWITCH

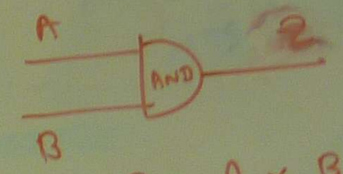
LIGHT SENSITIVE SWITCH

MANUAL SWITCH (OR) PROGRAMMABLE LIGHT CONTROL SWITCH CAN NOT SENSE THE REAL LIGHT SITUATION OF OUTSIDE WORLD.

LIGHT SENSITIVE SWITCH IS TO BE USED.



LIGHT SENSITIVE SWITCH .



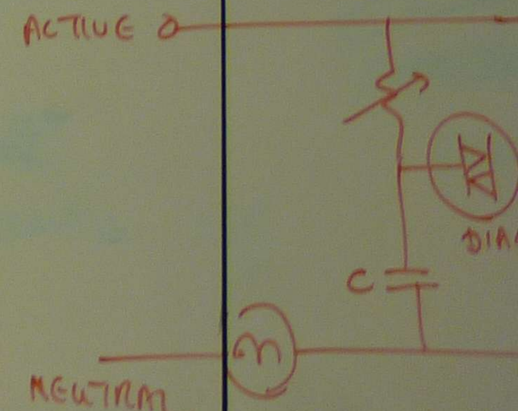
ADJUSTMENT

LIGHT LEVEL
SENSITIVITY
TIME

LIGHT DIMMER

- VARIABLE RESISTOR
- VARIABLE INDUCTOR
- VARIABLE SECONDARY T OF TRANSF
- MAGNETIC AMPLIFI

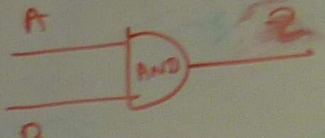
ELECTRONIC L CONT



NENT MARKER

TROL SWITCH
OF OUTSIDE WORLD.

UE



$Z = A \times B$

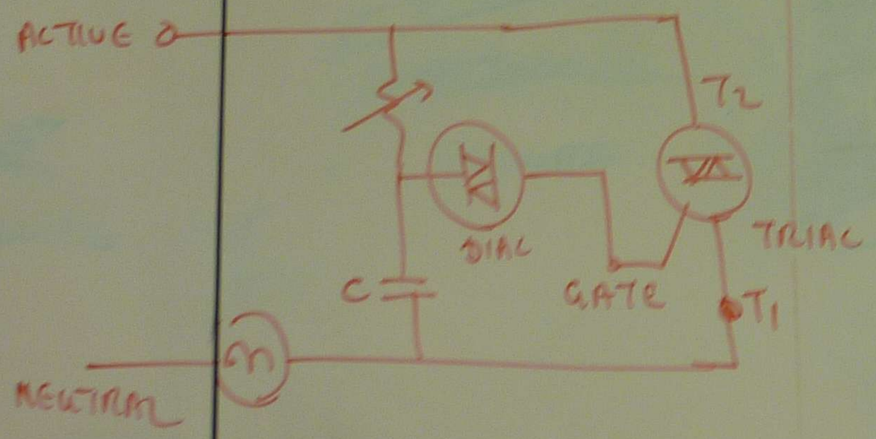
T

EL

LIGHT DIMMER

- VARIABLE RESISTOR
- VARIABLE INDUCTOR (SOLENOID)
- VARIABLE SECONDARY TAPPING OF TRANSFORMER
- MAGNETIC AMPLIFIER

ELECTRONIC LIGHT CONTROL



ELECTRONIC LIGHT CONTROL COMPOSES OF DIAC, TRIAC AND GATE CONTROL CIRCUIT BY CONTROLLING THE GATE FIRING SIGNAL, THE CURRENT FLOWS FROM T_2 TO T_1 CAN BE CONTROLLED.

TUTORIAL (2)

1. SKETCH THE FOLLOWINGS
   (a) MANUAL CONTROL SWITCH
   (b) AUTOMATIC CONTROL SWITCH
   (c) MASTER CONTROL WITH AUTOMATIC CONTROL
2. SKETCH THE TIME DELAY CONTROL SWITCH
3. EXPLAIN LIGHT SENSITIVE SWITCH WITH NECESSARY SKETCH

4. EXPLAIN THE
   OF ELECTRO
5. DESCRIBE TH
   LIGHT

TOR

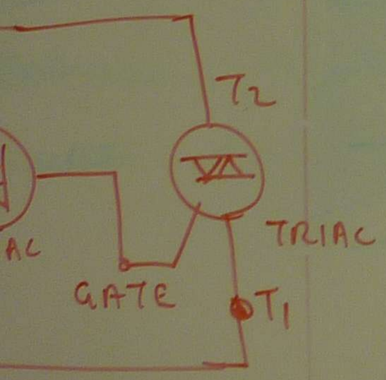
TOR (SOLENOID)

TAPPING

NSFORMER

FIER

LIGHT
ONTROL



ELECTRONIC LIGHT CONTROL COMPOSES OF

DIAC, TRIAC AND GATE CONTROL CIRCUIT.

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TUTORIAL (2)

(1) SKETCH THE FOLLOWINGS
- (a) MANUAL CONTROL SWITCH
- (b) AUTOMATIC CONTROL SWITCH
- (c) MASTER CONTROL WITH AUTOMATIC CONTROL

(2) SKETCH THE TIME DELAY CONTROL SWITCH

(3) EXPLAIN LIGHT SENSITIVE SWITCH WITH NECESSARY SKETCH

(4) EXPLAIN THE OPERATION PRINCIPLE OF ELECTRONIC LIGHT DIMMER

(5) DESCRIBE THE TYPES OF LIGHT DIMMING DEVICES

10-Lighting.pdf - Adobe Acrobat Pr
File Edit View Window Help
Create
19 / 64

! WIRING SYSTEM

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AUSTRALIAN ELECTRICIAN TRAINING

G033 . ROW 11

STAGE 4 PART 10 – WIRING PRACTICE

STAGE 3 PART 5 – FIRE PROTECTION | TESTING EARTHING ✓

STAGE 4 PART 8 – CONDUIT – E ACCESSORIES

WIRING THEORY 2

G078 – ROW 11 → STAGE 4 PART 11 – WIRING E008 | E033 – INTRODUCTION TO WIRING SYSTEM

G033

GENERAL WIRING

FIRE PROTECTION

HEATING | EARTHING

G663

PANEL
PROTECTION

Q1

oomShare.com.

IRAINING

W 11

- WIRING PRACTICE

FIRE PROTECTION / TESTING EARTHING ✓

CONDUIT - E ACCESSORIES

WIRING THEORY 2

WIRING E008 / E033 - INTRODUCTION TO WIRING SYSTEM

G033

GENGRAL WIRING

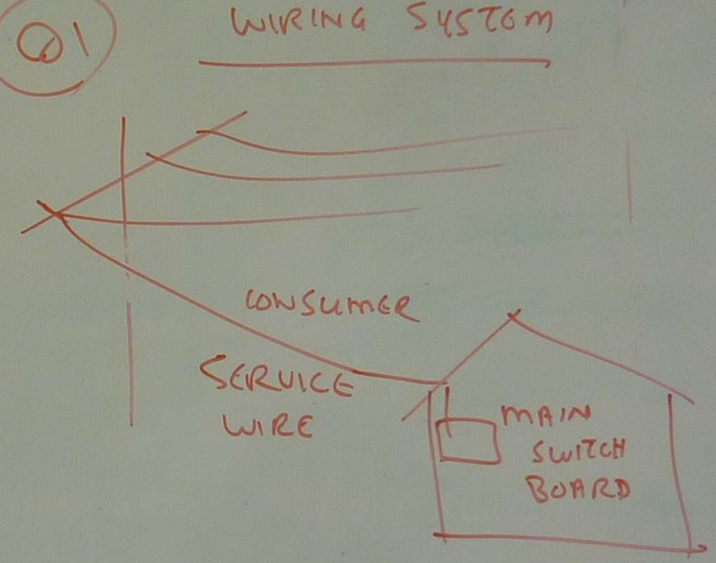
FIRE PROTECTION HEATING / EARTHING

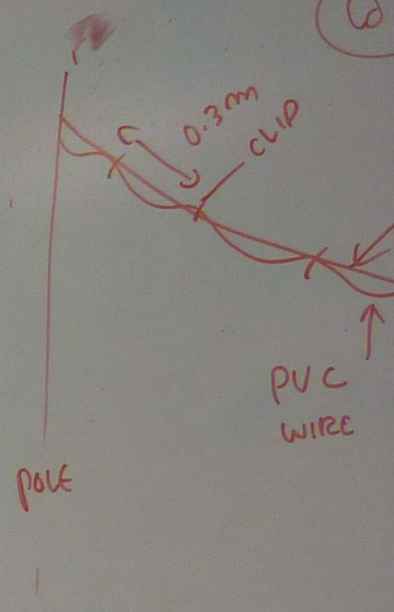
G063 PROTECTION

PANEL RCD SPECIAL INSTALLATION PROTECTION METHOD

Q1

WIRING SYSTEM





Q

TRUNKING, CA

BRING THE EL

SERVICE WIRES

Q4

MAIN SWIT

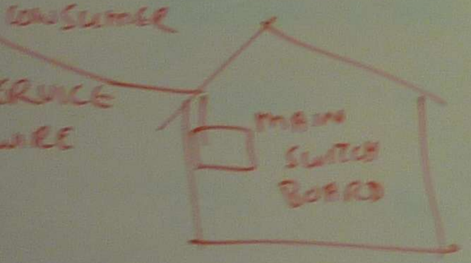
SPECIALL

THE SU

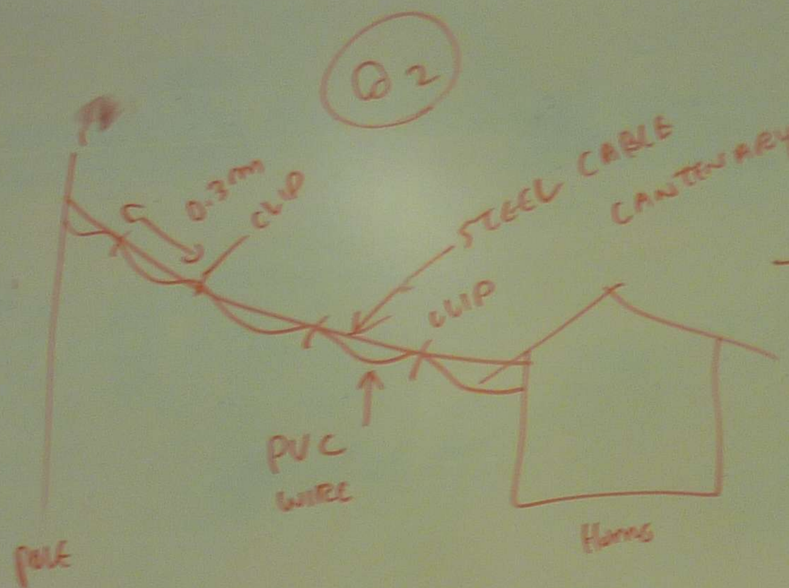
PROTECTION

CD SPECIAL INSTALLATION METHOD

WIRING SYSTEM



Q2



OVER HEAD SYSTEM

SERVICE LINE IS SUPPORTED BY CANTENARY

UNDERGROUND SYSTEM

- STEEL TRUNKING

Q3

TRUNKING, CABLE LADDERS, RISERS ARE UTILIZED TO BRING THE ELECTRICAL CABLES TO APPLICABLE LOADS.

SERVICE WIRES IS TERMINATED AT MAIN SWITCH BOARD

Q4

MAIN SWITCH BOARD

SPECIALLY CONTROL, PROTECT, USUALLY MEASURES THE SUPPLY TO THE WHOLE INSTALLATION.

AS 3000

AUSTRALIAN

DB

Q4

DB - DISTR

IS GENERAL

AND PROTECT

HEAD SYSTEM

CE LINE IS

ED BY CANTENARY

GROUND SYSTEM

TRUNKING

RE UTILIZED TO

PLICABLE LOADS.

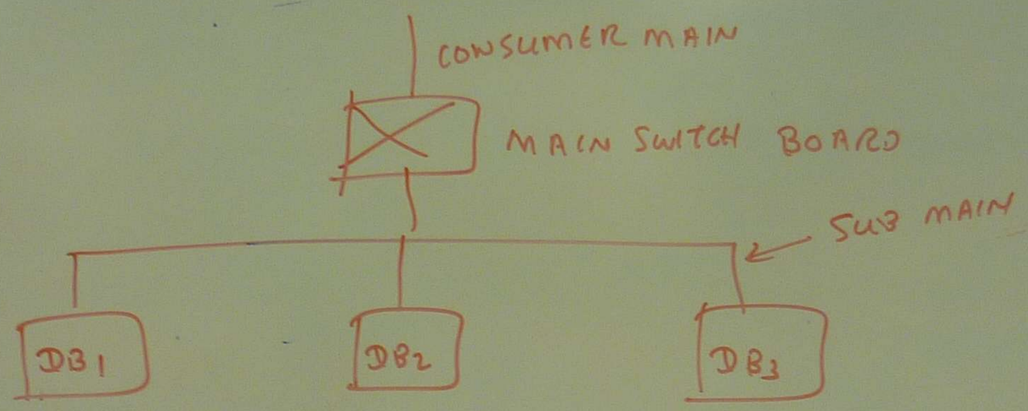
MAIN SWITCH BOARD

ALLY MEASURES

ACLATION.

AS 3000

AUSTRALIAN ELECTRICIAN TRAINING



④

DB - DISTRIBUTION BOARD

IS GENERALLY FED FROM A SUB MAIN TO CONTROL AND PROTECT A PORTION OF INSTALLATION.

TUTORIAL ③

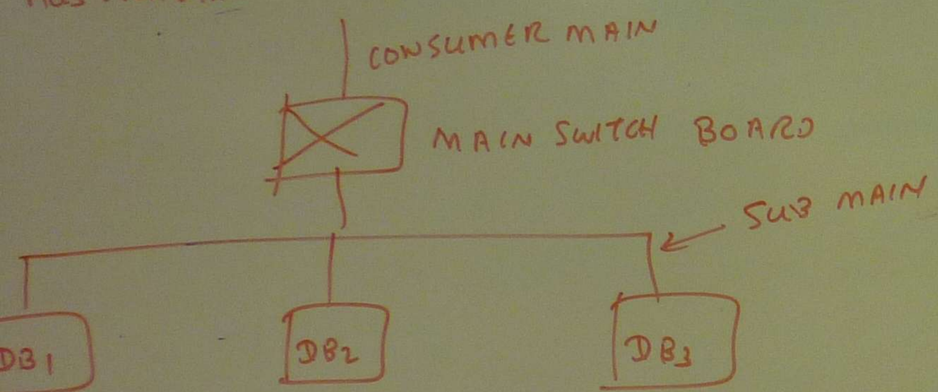
① SKETCH THE CONSUME
CONNECTION BETWEEN
AND MAIN SWITCH BOA

② FOR WHAT REASON
WIRE IS UTILIZED

③ TO TAKE OUT THE
U.G SYSTEM, WHAT
UTILIZED ?

④ DEFINE
(a) MAIN S
(b) DISTR

AUSTRALIAN ELECTRICIAN TRAINING



DB – DISTRIBUTION BOARD

GENERALLY FED FROM A SUB MAIN TO CONTROL
ND PROTECT A PORTION OF INSTALLATION.

TUTORIAL (3)

(1) SKETCH THE CONSUMER MAIN CONNECTION BETWEEN STREET POLE AND MAIN SWITCH BOARD

(2) FOR WHAT REASON, A CANTERY WIRE IS UTILIZED

(3) TO TAKE OUT THE ELECTRICITY FROM U.G SYSTEM, WHAT SYSTEM IS UTILIZED ?

(4) DEFINE
(a) MAIN SWITCH BOARD
(b) DISTRIBUTION BOARD