SETTING & INSTRUCTION MANUAL OF COUNTER/LENGHT COUNTER（EG-C2N）
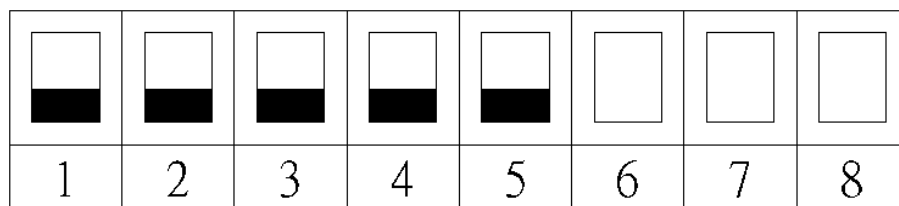
COUNTER/LENGTH COUNTER（WITH RELAY，EG-C2D）
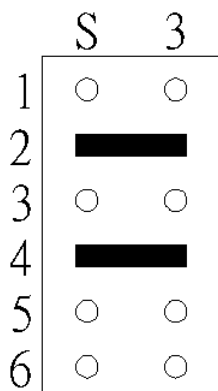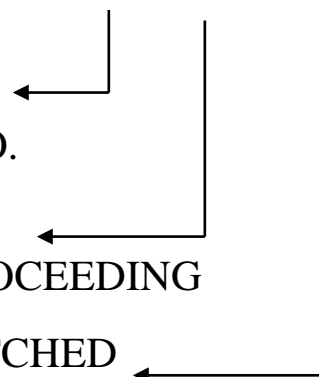
（1）ARRANGEMENT OF SW1 DIP SWITCH AND SHORT CHIP：

"ZERO RESET LOCK ON" SWITCH，
WHEN IT WAS SWITCHED TO"0N",
PRESS"SET"KEY, IT CAN NOT RESET ZERO.

"COUNT DOWN" SWITCH，WHEN IT WAS
SWITCHED TO "ON", COUNT DOWN IS PROCEEDING

"LOCK ON" SWITCH，WHEN IT WAS SWITCHED
TO "ON", IT CAN BE SET H. L. ONLY.
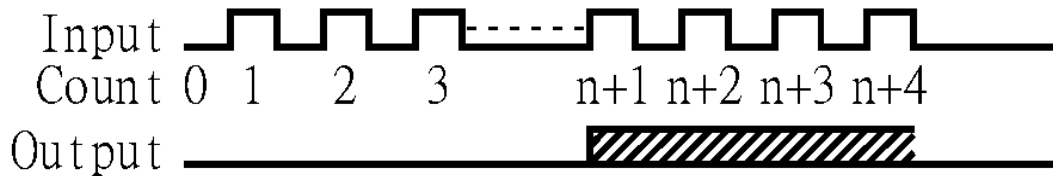

2，4 PUT ON SHORT CHIP FOR GENERAL

UP DOWN COUNTING.

（2）INSPECTION BEFORE SETTING ：

A．WIRE CONNECTION IS CORRECT OR NOT。

B．WHEN POWER IS ON, THE FIRST WORD OF LEFT SIDE IS
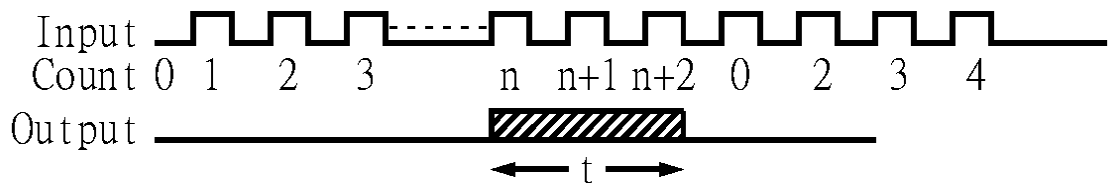SHOWING "C"APPROX. 2 SECONDS OR NOT.

（3）SETTING OF INTERNAL RARAMETERS：

A . MANUAL RESET： 5 VALUE SETS TO "0", WHEN COUNT
VALUE IS BIGGER THAN OR EQUAL TO "H" SETTING VALUE,
AL2 CONTACT ACTS AS FOLLOWING：

```
Input  ⎍⎍⎍⎍----⎍⎍⎍⎍
Count 0  1  2  3    n+1 n+2 n+3 n+4
Output _____▨▨▨▨▨▨▨▨▨▨▨___
```
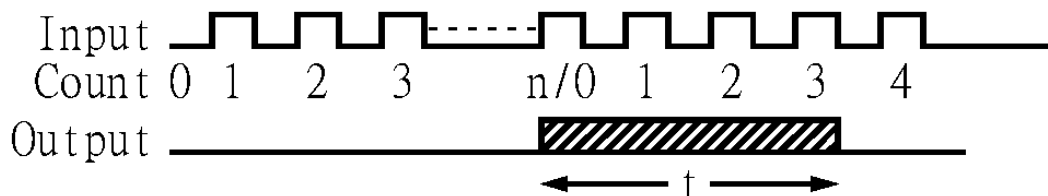
WHEN COUNTER REACHES THE SET VALVE, UNLESS
OPERATOR PRESS "SET" KEY, THIS CONUTER WILL NOT
BE RESET TO ZERO.

B . AUTO RESET： 5 VALUE SETS TO "1", WHEN COUNT VALUE
IS BIGGER THAN OR EQUAL TO "H"SETTING VALUE, AL2
CONTACT ACTS AS FOLLOWING：

```
Input  ⎍⎍⎍⎍----⎍⎍⎍⎍⎍⎍⎍⎍
Count 0 1  2  3    n  n+1 n+2 0  2  3  4
Output _____▨▨▨▨▨▨_____
                      ◄── t ──►
```
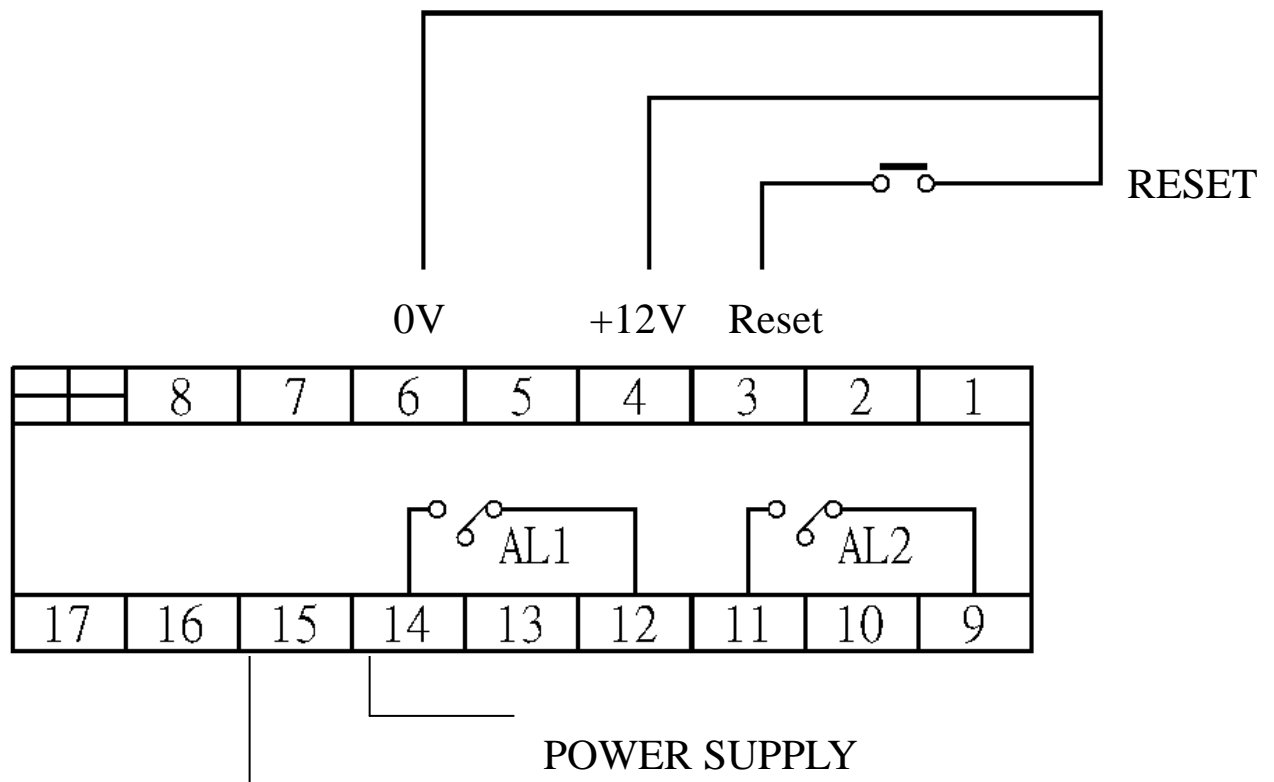
WHEN COUNTER REACHES THE SET VALUE, RELAY ACTS,
DISPLAY WILL BE STILL COUNTING. WHEN IT REACHES "T"
SETTING TIME, RELAY WILL STOP ACTION, DISPLAY IS
RESET TO ZERO SIMULATANEOUSLY.

C . AUTO RESET： 5 VALUE SETS TO "2", COUNT VALUE IS
BIGGER THAN OR EQUAL TO"H"SETTING VALUE, AL2
CONTACT ACTS AS FOLLOWING：

```
Input  ⎍⎍⎍⎍-----⎍⎍⎍⎍⎍
Count 0 1  2  3    n/0 1  2  3  4
Output _____▨▨▨▨▨▨▨▨▨▨▨▨_____
                      ◄──── t ────►
```

WHEN COUNTER REACHES THE SET VALUE, DISPLAY WILL BE RESET TO ZERO INSTANTANEOUSLY, BUT RELAY STILL ACTS TILL TO REACH"t"SETTING TIME.

（4）EXTERNAL WIRING DIAGRAM：

（5）DESCRIPTION OF CODE：

5 SETTING OF OUTPUT CONTACT OPERATION.

H SETTING OF HIGH LIMIT AL2.

L SETTING OF LOW LIMIT AL1.

t SETTING OF AL2 ACTION TIME. WHEN SET "0". THE TIME IS 20ms.（EACH INCREMENT UNIT IS 1ms）

U ACCELERATING TIME BASE OF SPEED SETTER（EACH INCREMENT UNIT IS 1ms），WHEN SET "0", IT IS 0.5ms.

d DECELERATING TIME BASE OF SPEED SETTER（EACH DECREMENT UNIT IS 1ms），WHEN SET "0", IT IS 0.5ms.

Ｐ SHIFTING OF DECIMAL POINT（0〜4 DIFFERENT SETTING）：

0 ALL INTEGERS, NO DECIMAL.

1 DECIMAL POINT IN ZERO INTEGER.

2 FOLLOWING DECIMAL POINT HAVE ONE INTEGER.

3 FOLLOWING DECIMAL POINT HAVE TWO INTEGER.

4 FOLLOWING DECIMAL POINT HAVE THREE INTEGER.