INSTALLATION INSTRUCTIONS
MODEL UT-1
UNIVERSAL TIMER

PROGRAMMABLE DIGITAL TIMER FOR ALL TIMING REQUIREMENTS

- SIXTEEN ADJUSTABLE TIME RANGES
- FOUR MODES OF OPERATION
- RANGE FROM ONE SECOND TO ONE HOUR
- TEMPERATURE RANGE -25C TO +70C
- S.P.D.T. 12 AMP @ 28 VDC
- NOISE IMMUNITY ON ALL INPUTS
- MINIDIP SWITCH SELECTS RANGE AND MODE
- DELAY ON OPERATE
- DELAY ON RELEASE
- ONE SHOT MODE
- PULSING MODE
- EXTREME ACCURACY AND REPEATABILITY

TIME SELECTION TABLE

RANGE NUMBER	TIME SELECTOR SWITCHES ON = I OFF = O 1 2 3 4	TIME RANGE
1	O O O O	1S - 2M
2	I O O O	3M - 5M
3	O I O O	6M - 9M
4	I I O O	10M - 13M
5	O O I O	14M - 17M
6	I O I O	18M - 22M
7	O I I O	23M - 26M
8	I I I O	27M - 30M
9	O O O I	31M - 34M
10	I O O I	35M - 38M
11	O I O I	39M - 42M
12	I I O I	43M - 46M
13	O O I I	47M - 50M
14	I O I I	51M - 54M
15	O I I I	55M - 58M
16	I I I I	59M - 62M

SPECIFICATIONS

VOLTAGE RANGE: 6 TO 18 VDC
CURRENT CONSUMPTION: 37 MA. MAXIMUM
TIME RANGE: 1 SECOND TO 1 HOUR
TEMPERATURE RANGE: -25C TO +70C
CONTACT RATING: 12 AMP. @ 28 VOLTS DC
MOUNTING: DOUBLE SIDED FOAM TAPE

MODE SELECTOR SWITCHES ON = I OFF = O 5 6	MODE
O O	PULSING
I O	DELAY ON OPERATE
O I	DELAY ON RELEASE
I I	ONE SHOT

PROCEDURE FOR SETTING DELAY TIME

1. CONVERT THE REQUIRED DELAY TIME TO MINUITES.

2. SELECT **RANGE NUMBER** IN WHICH DELAY TIME FALLS.

3. POSITION THE **TIME SELECTOR SWITCHES** TO THE INDICATED REQUIRED SETTINGS ON THE CHART. POSITION THE **MODE SELECTOR SWITCHES** TO THE **I I** SETTING.

4. CONNECT THE PROPER INPUT VOLTAGE, 6 TO 18 VDC.

5. START THE TIMER BY APPLYING THE TRIGGER INPUT.

6. THE **TIMING LED** WILL LIGHT. **LED** WILL GO OFF WHEN TIMING HAS BEEN COMPLETED.

7. ADJUST THE **TIME ADJUSTMENT** POT TO THE DESIRED TIME IF NECESSARY.

8. REPEAT STEPS **5** AND **6**.

9. WHEN THE CORRECT TIME HAS BEEN OBTAINED SET THE **MODE SELECTOR SWITCHES** TO THE DESIRED MODE.

ALARM CONTROLS

ASSA ABLOY

Alarm Controls
19 Brandywine Drive
Deer Park, New York 11729
(800) 645-5538
www.alarmcontrols.com

ASSA ABLOY, the global leader in door opening solutions

UT-1 UNIVERSAL TIMER

MODES OF OPERATION

DELAY ON OPERATE

THE DELAY TIME BEGINS WHEN THE TRIGGER VOLTAGE IS APPLIED. AT THE END OF THE DELAY TIME, CONTACTS TRANSFER AND REMAIN IN THIS POSITION UNTIL TRIGGER VOLTAGE IS REMOVED.

DELAY ON RELEASE

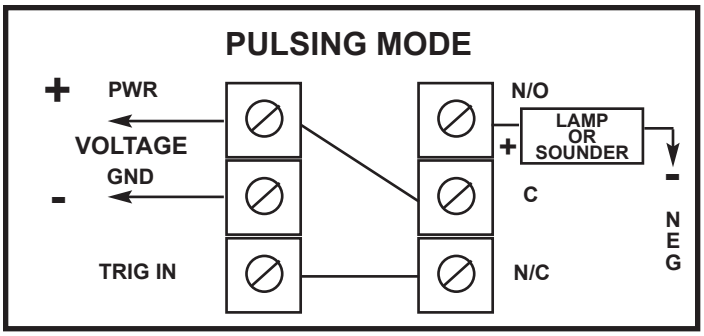
THE CONTACTS TRANSFER IMMEDIATELY WHEN TRIGGER VOLTAGE IS APPLIED. THE DELAY BEGINS WITH THE REMOVAL OF THE TRIGGER VOLTAGE. IF THE TRIGGER VOLTAGE IS NOT REMOVED, CONTACTS WILL NOT TRANSFER.

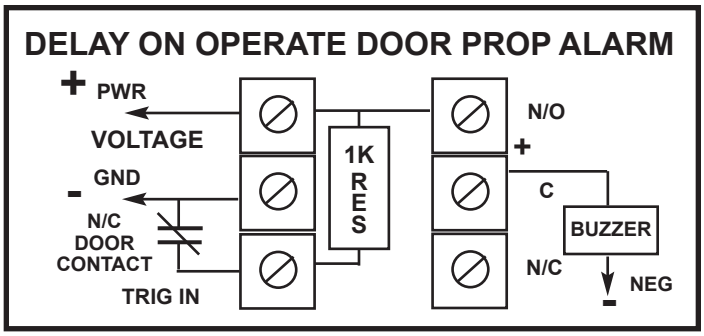
ONE SHOT

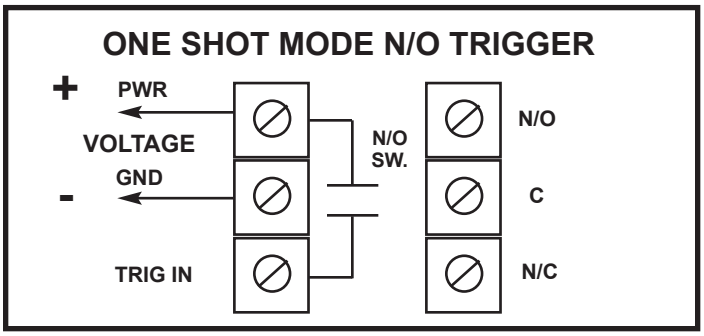
A MOMENTARY OR SUSTAINED APPLICATION OF TRIGGER VOLTAGE WILL CAUSE THE CONTACTS TO TRANSFER AND REMAIN UNTIL THE END OF THE DELAY PERIOD, AT WHITCH TIME CONTACTS WILL RE-TRANSFER.TRIGGER VOLTAGE DOES NOT HAVE TO BE REMOVED FOR THE CONTACTS TO RE-TRANSFER.

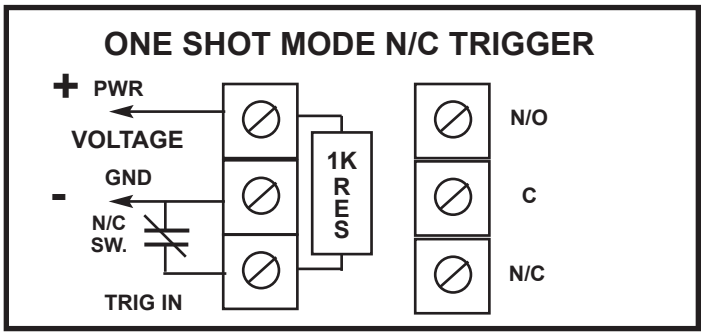
PULSING

CONTACTS WILL TRANSFER AND RE-TRANSFER WITH EQUAL OPERATE AND RELEASE TIME.









ALARM CONTROLS

ASSA ABLOY