

# MODEL MT-1

## MINI-TIMER



### SPECIFICATIONS

- VOLTAGE RANGE: 12 TO 24 VOLTS AC OR DC
- CURRENT DRAW: 37 MA.
- RELAY OPERATING MODE: ONE SHOT
- CONTACT ARRANGEMENT: SINGLE POLE-DOUBLE THROW
- CONTACT RATING: 2 A. @ 35 VDC/125 VAC
- TIME SETTING: ADJUSTABLE FROM TWO TO 45 SECONDS
- TEMPERATURE RATING: -25C TO +70C
- MOUNTING: ADHESIVE FOAM TAPE
- SIZE: 1.75" x 1.75"



**ALARM CONTROLS CORPORATION**

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# MODEL MT-1 MINI-TIMER INSTALLATION INSTRUCTIONS

## OPERATION

A MOMENTARY OR MAINTAINED CLOSURE OF THE BLACK AND ORANGE LEADS WILL CAUSE THE RELAY CONTACTS TO TRANSFER AND REMAIN CLOSED UNTIL THE DELAY PERIOD ENDS. AT THE END OF THE DELAY PERIOD THE RELAY CONTACTS WILL RETURN TO THEIR ORIGINAL STATE. CLOSURE OF THE BLACK AND ORANGE LEADS DURING THE DELAY PERIOD WILL CAUSE THE TIMER TO RE-START.

## WIRING CONNECTIONS

### LEAD COLOR

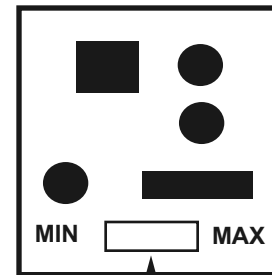
	<b>POWER INPUT</b>
<b>GRAY LEADS</b>	CONNECT TO 12 OR 24 VOLTS AC OR DC. <b>POLARITY NEED NOT BE OBSERVED.</b>
	<b>TRIGGER INPUT</b>
<b>BLACK LEAD</b>	CONNECT TO NORMALLY-OPEN SWITCH CONTACT
<b>ORANGE LEAD</b>	CONNECT TO NORMALLY-OPEN SWITCH CONTACT
	<b>RELAY OUTPUT</b>
<b>BLUE LEAD</b>	NORMALLY-CLOSED RELAY CONTACT (N/C)
<b>GREEN LEAD</b>	COMMON RELAY CONTACT (COM)
<b>VIOLET LEAD</b>	NORMALLY-OPEN RELAY CONTACT (N/O)

## TIME ADJUSTMENT

THE RELAY "ON" TIME IS ADJUSTABLE FROM 2 TO 45 SECONDS. THE DRY RELAY CONTACTS WILL TRANSFER WHEN THE BLACK AND ORANGE LEADS ARE CONNECTED. ROTATE THE POT TO "**MAX**" TO INCREASE THE RELAY "ON" TIME. ROTATE THE POT TO "**MIN**" TO DECREASE THE RELAY "ON" TIME.

## SPECIFICATIONS

**TIMER MODE:** ONE SHOT  
**VOLTAGE RANGE:** 12 TO 24 VOLTS AC OR DC  
**CURRENT CONSUMPTION:** 37 MA. MAXIMUM  
**TIME RANGE:** 2 TO 45 SECONDS  
**CONTACT RATING:** 2A. @ 35 VDC  
**MOUNTING:** DOUBLE COATED FOAM TAPE  
**SIZE:** 2" x 2" x .5"



TIME ADJUSTMENT POT

.M.C.

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