



# HQ4E TIMER SPECIFICATIONS

## Time Ranges

SYM	DIAL RANGE	SYM	DIAL RANGE
01	15 Sec.	07	10 Min.
02	30 Sec.	08	15 Min.
03	60 Sec.	09	30 Min.
04	120 Sec.	10	60 Min.
05	4 Min.	11	120 Min.
06	5 Min.		

## Voltage/Frequency

24 VDC (+10, -20%)  
 120 VAC (+10, -15%) 50/60 Hz  
 240 VAC (+10, -15%) 50/60 Hz

## Contact Rating

INPUT	CONTACT RATING
24VDC	10A RESISTIVE, INDUCTIVE @ 120VAC, 1/2HP @ 120/240VAC
120VAC	10A RESISTIVE, INDUCTIVE @ 120VAC, 1/6HP @ 120VAC
240VAC	5A RESISTIVE, INDUCTIVE @ 240VAC, 1/2HP @ 240VAC

## Setability

± 1% of total time cycle.

## Operating Temperature

-10 to +140 Deg. F (-23 to 60 Deg. C)

## Power Consumption

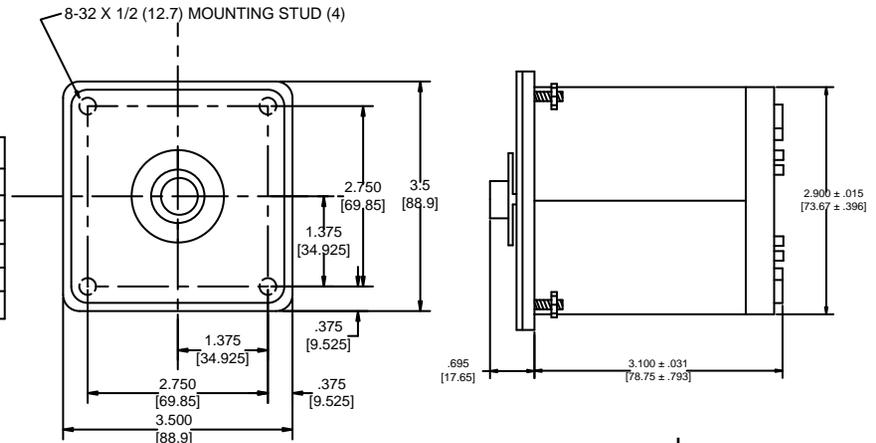
1.2 Watts

## Laboratory Testing

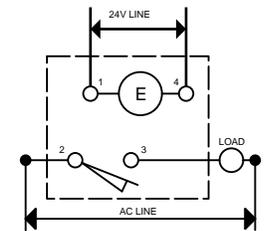
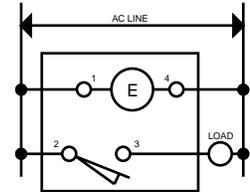
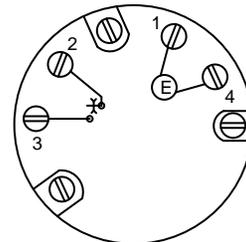
U.L. Recognition E-61735  
 C.U.L. Recognition E-61735



## MOUNTING DIMENSIONS



## WIRING DIAGRAMS



## ORDERING INFORMATION

HQ4E 01 S48 A6 SERIES

SYMBOL	DIAL RANGE	SYMBOL	DIAL RANGE
01	15 Sec	07	10 Min
02	30 Sec	08	15 Min
03	60 Sec	09	30 Min
04	120 Sec	10	60 Min
05	4 Min	11	120 Min
06	5 Min		

SYMBOL	DESCRIPTION
A6	120 VAC 50/60 Hz
B6	240 VAC 50/60 Hz
Z1	24 VDC

**Eagle Signal Controls**  
 2100 West Broad St.  
 Elizabethtown, NC 28337  
 800-234-8731

The HQ4E Series 48 Percentage Timer is an accurate, economical, enclosed percentage timer designed for use in applications where a repetitive "on" time of a fixed cycle needs to be variable.

The HQ4E Series 48 Percentage Timer is ideally suited for:

- Irrigation Controls
- Chemical Feeding
- Programed Temperature Controls
- Electric Heaters, Ovens
- Motor Controls
- Lubrication Systems

The HQ4E Series Percentage Timer is a panel mounted unit with exposed dial. The heavy duty front dial plate has 4 mounting studs for simple and secure mounting to panels up to 1/4 inch thick. The load relays are enclosed for environmental protection. Electrical connections are made to captive screw terminals on the rear of the unit.

## OPERATION

Percentage settings are made with a knob and a dial on the front of the unit. Settings may be made or changed with the timer operating. At 100 percent setting, terminals 2 and 3 are closed continuously. At zero percent setting, terminals 2 and 3 are open continuously.