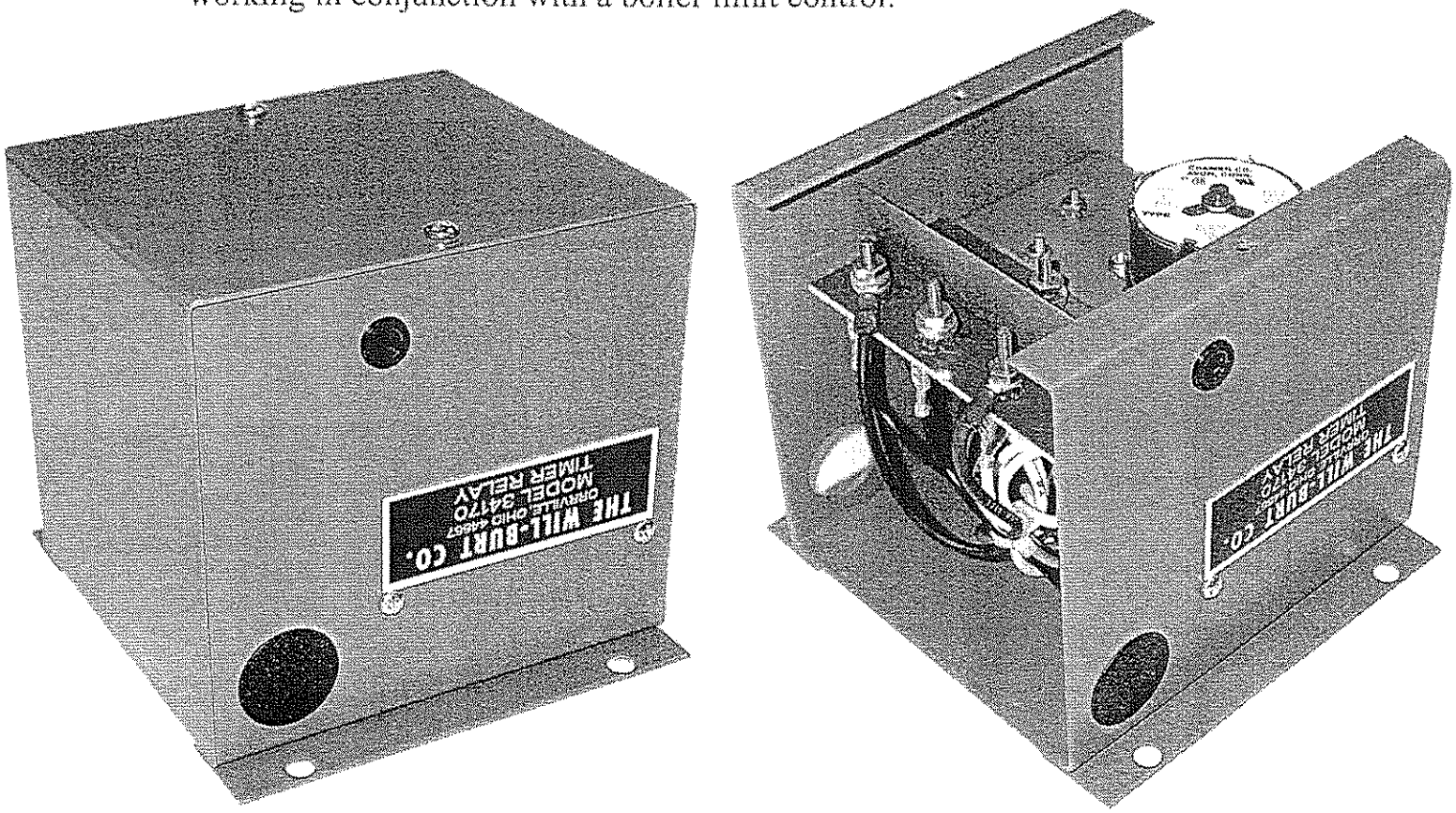
Will-Burt Holdfire Timer Relay Controls Reduce Stoker Operator Labor and Prolong Life of Stoker Burner Parts

The Will-Burt model **34170 Holdfire Timer** provides periodic stoker operation during mild weather and other times when the system operating controller does not demand burner operation, in order to

- maintain combustion, so that the fire does not have to be frequently restarted, and
- prevent the fuel bed from burning down into, and damaging, the cast iron burner parts.

Generally utilized in residential applications, it is intended for use with 2-wire, 24 V thermostats.

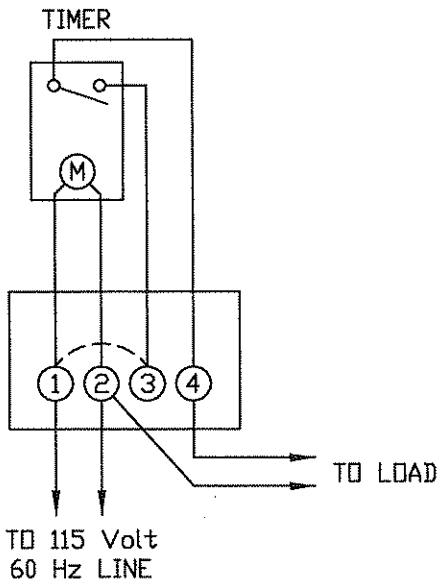
Virtually identical in design and operation is the Will-Burt model **20350 Holdfire Timer**, which fulfills the same function as the 34170 while working in conjunction with a boiler limit control.



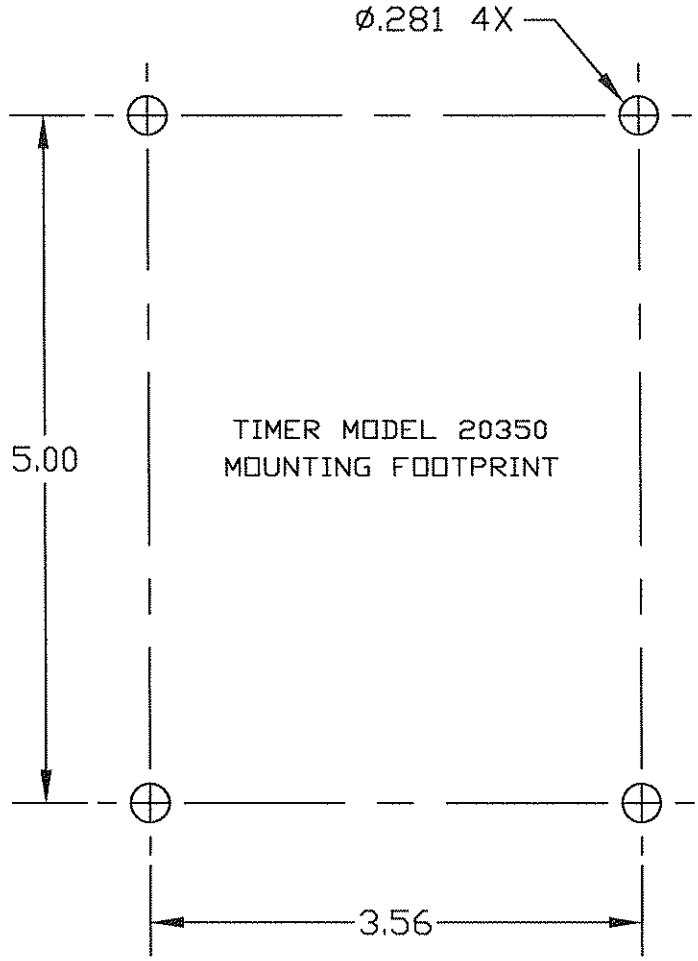
34170/20350 Timer Interval Adjustment
Operating Interval 30 Minutes: 1-5 Minute Adjustable "On" Period
Operating Interval 60 Minutes: 1-10 Minute Adjustable "On" Period

Approximate 34170/20350 Timer Dimensions
Timer Case: 5" X 4-3/8" X 4-5/8" High
Timer Cover: 5-1/16" X 4-3/8" X 4-5/8" High

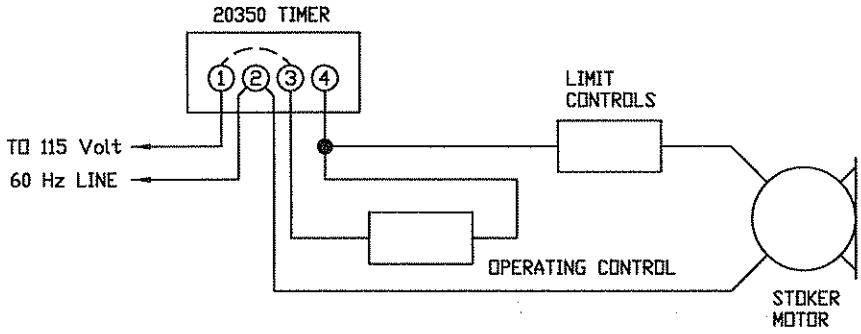
TIMER MODEL NO. 20350
INTERNAL WIRING



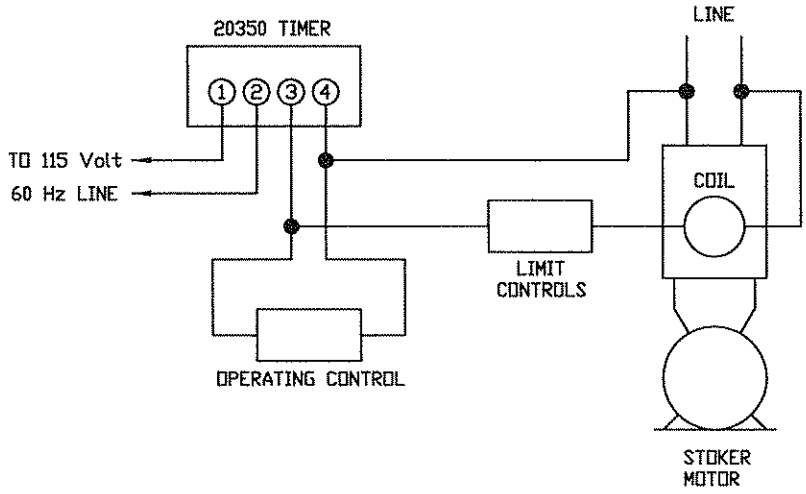
MAX. LOAD
1/3 H.P. @ 115 VAC



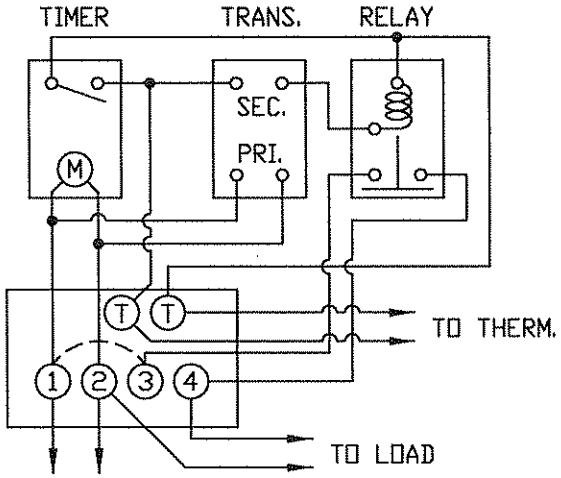
1/3 H.P. OR LESS STOKER MOTOR



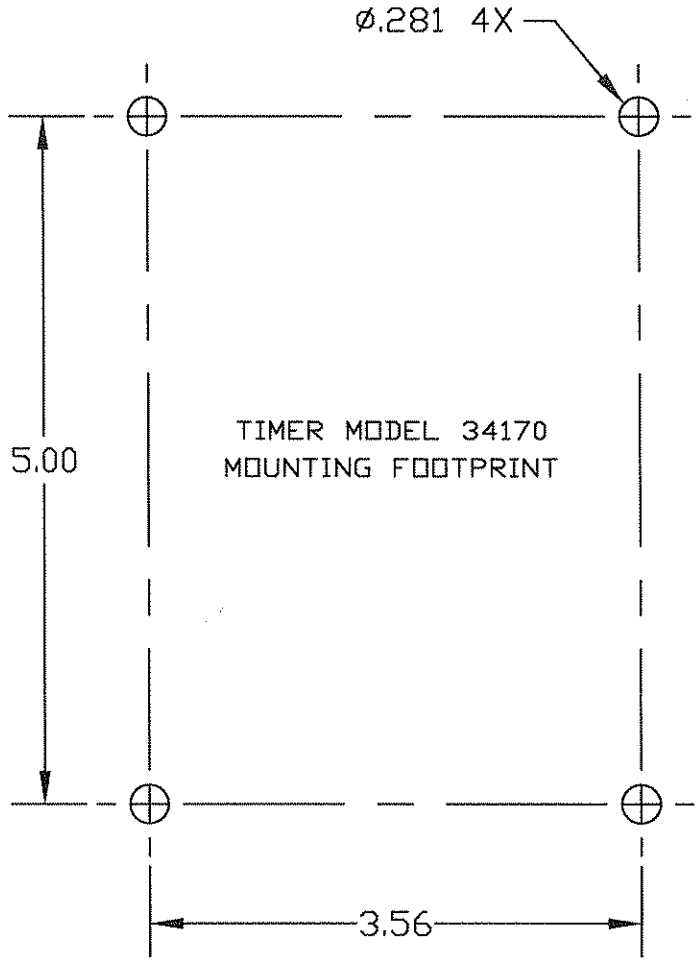
STOKER MOTORS GREATER THAN 1/3 H.P.



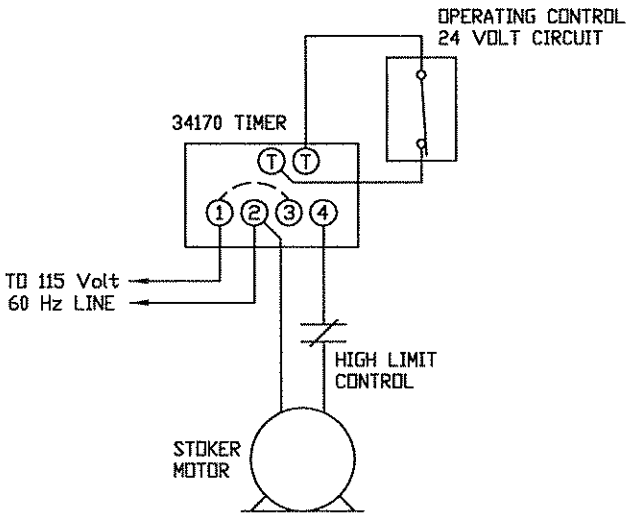
TIMER MODEL NO. 34170
INTERNAL WIRING



MAX. INDUCTIVE LOAD
125 VOLTS - 12 AMPS
250 VOLTS - 8 AMPS



1/2 H.P. OR LESS STOKER MOTOR OPERATING ON 115 VOLTS



STOKER MOTOR OVER 1/2 H.P. STOKER MOTOR USING 230 VOLTS

