USES REDUNDANT POSITIVE GUIDED RELAYS

TWO HAND MACHINE CONTROLS
ADJUSTABLE TIMED OUTPUT CYCLE

ANTI-TIEDOWN TIMER
SERIES 3381

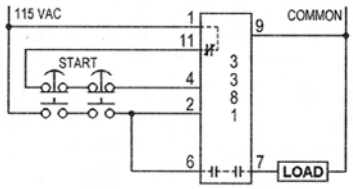
Part No.	Time Range
3381-5	.5 - 5 sec.
3381-10	1 - 10 sec.
3381-50	5 - 50 sec.
3381-100	10 - 100 sec.
3381-360	36 - 360 sec.

The 3381 series contains all the anti-tiedown features of the 3380 series, with the addition of adjustable time output. The 3380 series is Pin for pin compatible with 3371 controls.

Specifications:

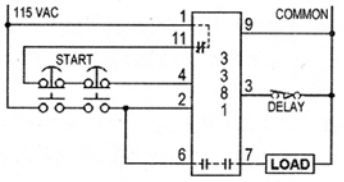
Voltage - 115 VAC, 50/60Hz (12 & 24VAC also available)
Output - relay SPST 8A. (resistive load) 1/6 HP @ 120 VAC
Physical - plug-in 11 pin, size: 4.75 x 2.375 x 1.75
Timer - solid state knob adjustable !1% repeatability

SUGGESTED WIRING FOR MODEL 3381



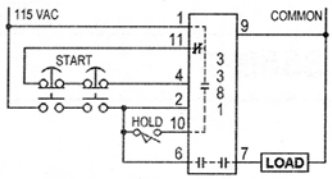
TIMED OUTPUT

Both start switches must be pressed within a fixed time to operate. The load will remain energized until the timer runs out or one or both switches are released.



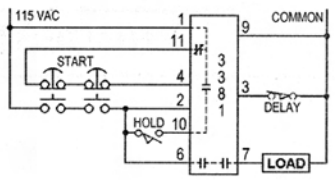
DELAYED TIMED OUTPUT

This circuit has the feature of time delay. When the two start buttons are activated, the load will stay energized until the timer runs out. However, the timer will not time out while the delay switch is closed. The control will reset if either start switch is released or upon time out.



MAINTAINED TIMED OUTPUT

This circuit has the added feature of maintained output. When the two start buttons are activated and the hold switch is closed, the load will stay energized after the start buttons are released. When the timer runs out, the control will reset.



MAINTAINED AND DELAYED TIME OUTPUT

This circuit has the feature of maintained output in addition to delayed operation. The operation is identical to the delayed circuit above but the control will continue to energize the load even if one or both start switches are released. The control will reset when the timer times out.

Series 3381E - Same as series 3381, but with remote output adjustment capability. The supplied potentiometer should be connected from pin 3 to pin 8. Time ranges are the same as 3381.