Project:

Location:

Product Type:

Contact/Phone:

Model #:

# FF Series
## Commercial Series

The FF Series Commercial Auto-Off Timers are designed to replace any standard wall switch - single or multi-gang. This series of energy-efficient mechanical timers do not require electricity to operate. In addition, they automatically limit the ON times for fans, lighting, motors, heaters, and other energy consuming loads.

### Features

- Hold feature enables the user to override the automatic shut-off function
- Rugged time dial plate easily withstands the abuse encountered in commercial environments
- Commercial “brushed metal” (plastic construction) look meets NEC requirements
- Time saving up front terminal connection with teeter-type terminals
- Press-on knob design ensures quick and easy installation
- CFL compatible

*Not for use with sunlamps, saunas, or loads that could cause personal injury if timed incorrectly.*

### Ratings

| | |
|---|---|
| Resistive: | 20 Amp, 125 VAC, 50/60 Hz<br>10 Amp, 250 VAC, 50/60 Hz<br>10 Amp, 277 VAC, 50/60 Hz |
| Tungsten: | 7 Amp, 125 VAC |
| Motor: | 1 HP, 120 VAC, 50/60 Hz<br>2 HP, 240 VAC, 50/60 Hz |
| Dimensions: | 2.79" H x 1.6" W x 1.19" D |




**FF15MC**




**FF60MC**




**FF30MH**

# FF Series

| Model Number | Time Cycle | Switch | Hold | Color |
|---|---|---|---|---|
| **FF5M** | 5 Minutes | SPST | No | Brushed Metal Finish |
| **FF5MH** | 5 Minutes | SPST | Yes | Brushed Metal Finish |
| **FF15MC** | 15 Minutes | SPST | No | Brushed Metal Finish |
| **FF15MH** | 15 Minutes | SPST | Yes | Brushed Metal Finish |
| **FF30MC** | 30 Minutes | SPST | No | Brushed Metal Finish |
| **FF30MH** | 30 Minutes | SPST | Yes | Brushed Metal Finish |
| **FF60MC** | 60 Minutes | SPST | No | Brushed Metal Finish |
| **FF60MHC** | 60 Minutes | SPST | Yes | Brushed Metal Finish |
| **FF2H** | 2 Hours | SPST | No | Brushed Metal Finish |
| **FF4H** | 4 Hours | SPST | No | Brushed Metal Finish |
| **FF6H** | 6 Hours | SPST | No | Brushed Metal Finish |
| **FF6HH** | 6 Hours | SPST | Yes | Brushed Metal Finish |
| **FF12HC** | 12 Hours | SPST | No | Brushed Metal Finish |
| **FF12HHC** | 12 Hours | SPST | Yes | Brushed Metal Finish |
| **FF315M** | 15 Minutes | SPDT | No | Brushed Metal Finish |
| **FF330M** | 30 Minutes | SPDT | No | Brushed Metal Finish |
| **FF360M** | 60 Minutes | SPDT | No | Brushed Metal Finish |
| **FF32H** | 2 Hours | SPDT | No | Brushed Metal Finish |
| **FF32HH** | 2 Hours | SPDT | Yes | Brushed Metal Finish |
| **FF34H** | 4 Hours | SPDT | No | Brushed Metal Finish |
| **FF34HH** | 4 Hours | SPDT | Yes | Brushed Metal Finish |
| **FF36H** | 6 Hours | SPDT | No | Brushed Metal Finish |
| **FF312H** | 12 Hours | SPDT | No | Brushed Metal Finish |
| **FF312HH** | 12 Hours | SPDT | Yes | Brushed Metal Finish |
| **FF415M** | 15 Minutes | DPST | No | Brushed Metal Finish |
| **FF430M** | 30 Minutes | DPST | No | Brushed Metal Finish |
| **FF460M** | 60 Minutes | DPST | No | Brushed Metal Finish |
| **FF46H** | 6 Hours | DPST | No | Brushed Metal Finish |
| **FF412H** | 12 Hours | DPST | No | Brushed Metal Finish |

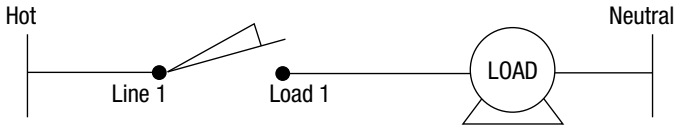
**Specification**

The timer shall be of the appropriate dimensions and design to provide for direct replacement of a standard wall switch in a single gang 2 ½" deep junction box. The timer shall include a spiral time scale to provide easy selection of a desired time setting. Molded white knob and brushed metal finish wall plate shall be a press-on type requiring no screw or other hardware to secure. The polymeric time dial shall replace a standard switch plate without modifications. The timer shall have a UL listed rating of:

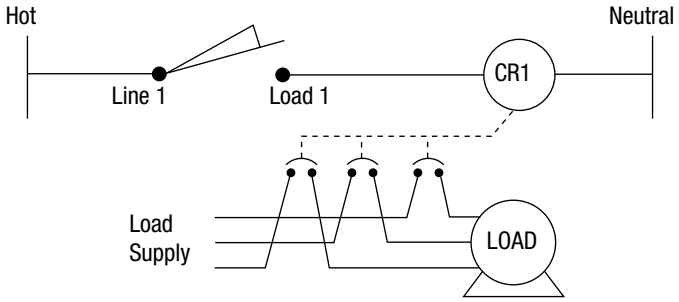
- 1 HP at 125 VAC, 50/60 Hz
- 2 HP at 250 VAC, 50/60 Hz
- 20 Amp, 120 VAC, 50/60 Hz
- 10 Amp, 250 VAC, 50/60 Hz
- 10 Amp, 277 VAC, 50/60 Hz
- 7 Amp, 125 VAC, Tungsten

The timer field wiring connections shall be secured by means of a teeter-type terminal screw to provide secure connections for appropriate wire sizes. The timer shall be _____ (SPST)(DPST)(SPDT). The timer _____ (Shall) (Shall Not) have a Hold feature and shall have a time cycle of _____(See Time Cycles Listed). The timer shall be Intermatic model _____(See Model Numbers Listed).

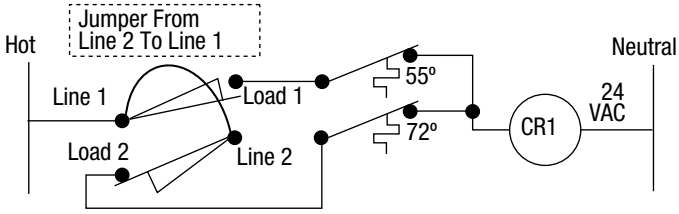
## Diagrams



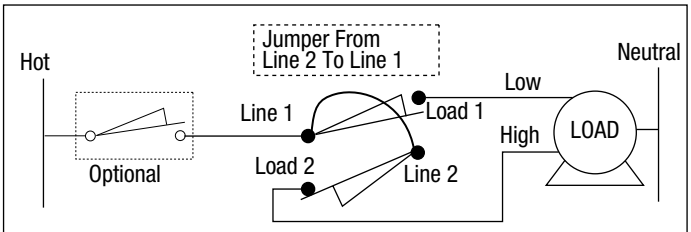

Example for SPST motor load control.



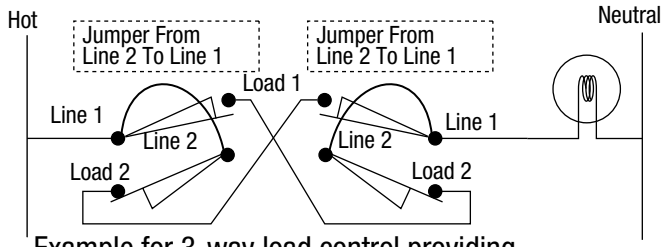

Example for SPST large motor load control using a 3-pole contactor or motor starter.



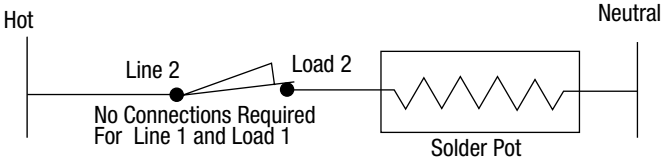

Example for control of low voltage set-back set-up thermostats using SPDT timer.



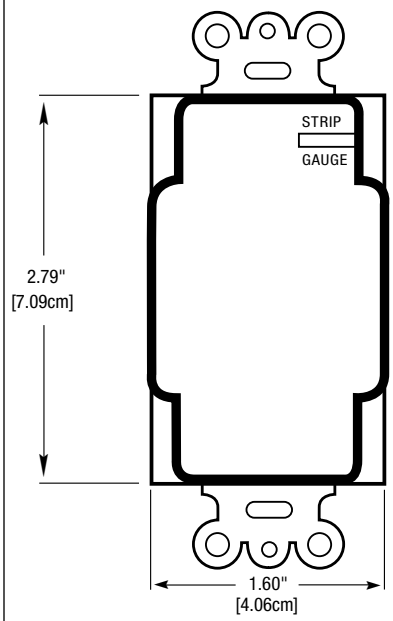

Example for timed selection of low or high speed motor with optional timer to limit operation time regardless of speed selected.

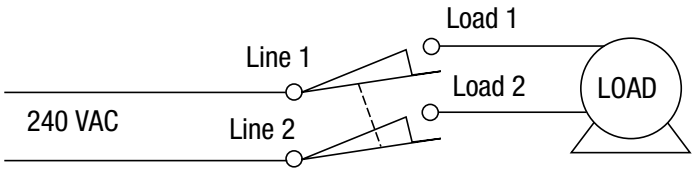



Example for 3-way load control providing timed override from more than one location.

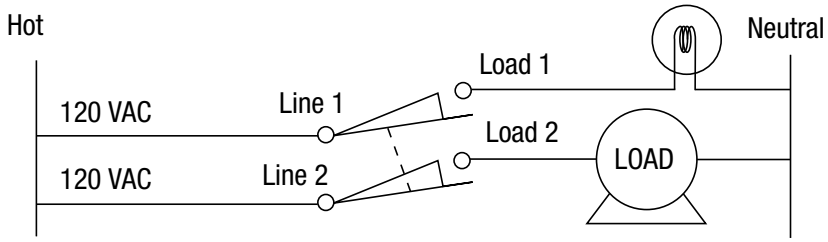



Example for reverse action control. The load is switched off when timer is operated for a limited time then switches back on.




Example for breaking both sides of a 240 volt load using DPST contacts.




Example for controlling two loads simultaneously by using DPST contacts.

## Notes

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| **FF2H** | 2 Hours | SPST | No | Brushed Metal Finish |
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| **FF6H** | 6 Hours | SPST | No | Brushed Metal Finish |
| **FF6HH** | 6 Hours | SPST | Yes | Brushed Metal Finish |
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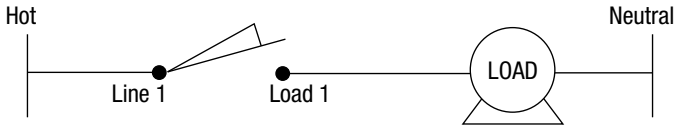
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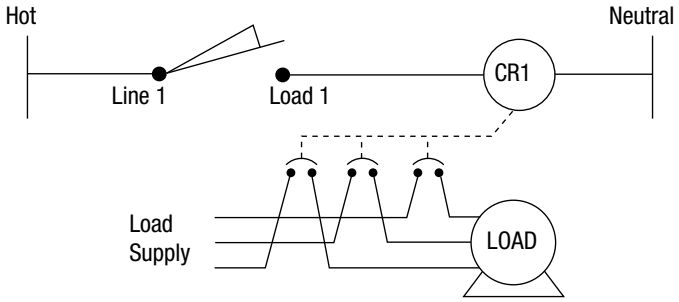
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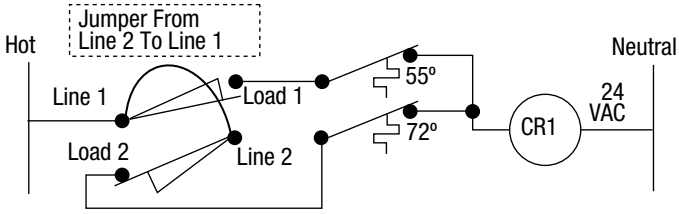
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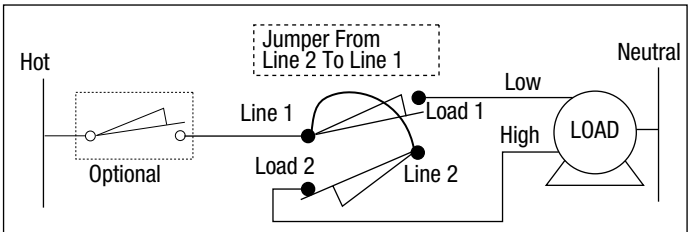

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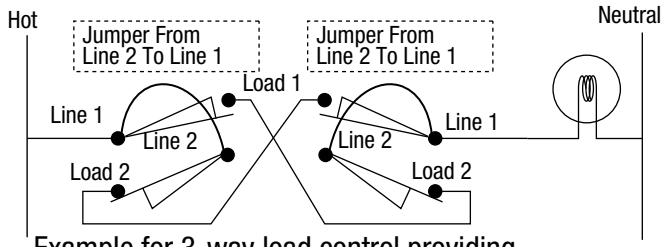

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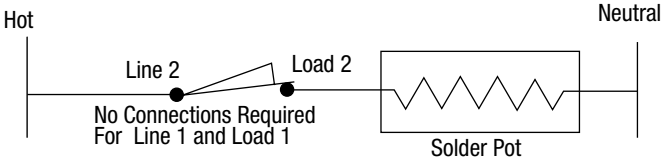

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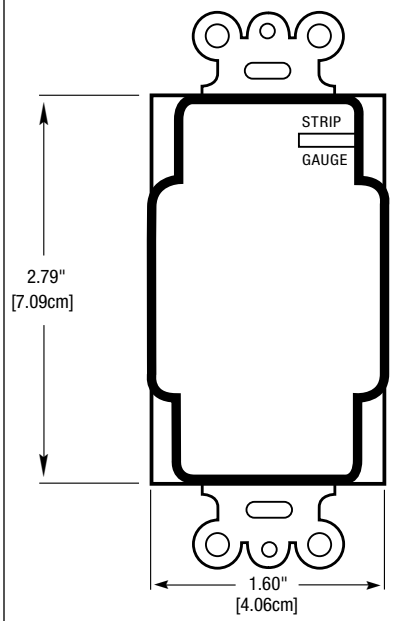

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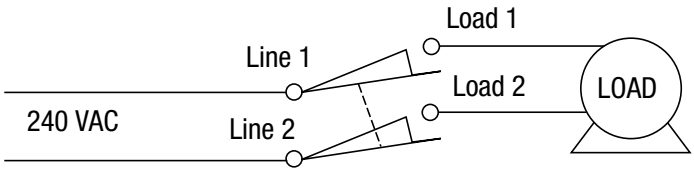



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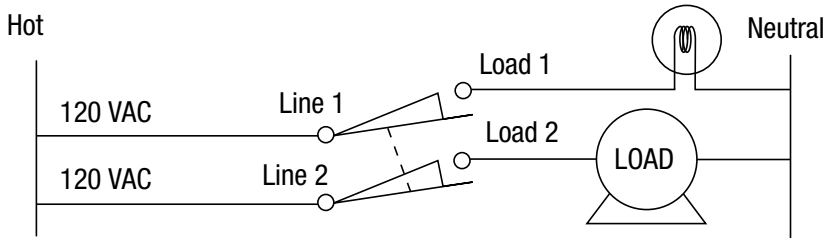



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