

SERIES SS – In-Wall Solid State Timers

INSTALLATION AND OPERATING INSTRUCTIONS

Timer will automatically turn load OFF at the end of a preset period which is user adjustable from 1 minute to 18 hours.

- Note: 1) This unit is *not* suitable for lamps which require long striking periods i.e. HID type.
 2) *There are minimum wattage loads which are required to operate this unit - see ratings chart.*

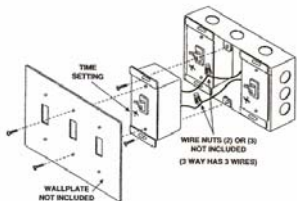
CAUTION: Disconnect power at main panel prior to installing or servicing this time switch or the equipment connected to it. We recommend that installation be done by a qualified electrician.

Warning: This timer is not to be used in precision timing applications such as for sun lamps or tanning equipment.

Refer to the output ratings below. To calculate maximum wattage, multiply the maximum amperage by the appropriate voltage.

Series	Type	Volts AC	Min. Load Watts	Ratings
SS13, SS10	3 Way Single Pole	24	6	.25 - 4.00Amp Resistive
		120	30	.25 - 4.00Amp Ballast
		208	50	.25 - 4.00Amp Tungsten
		240	60	1/8 Hp @ 120 VAC
		277	70	1/3 Hp @ 240 VAC
SS20	Single Pole	24	12	.50 - 7.25Amp Resistive
		120	60	.50 - 7.25Amp Ballast
		208	105	.50 - 4.00Amp Tungsten
		240	120	1/6 Hp @ 120 VAC
		277	150	1/2 Hp @ 240 VAC

MECHANICAL ASSEMBLY



4. Using a small screwdriver, rotate black end of potentiometer to desired time duration (time setting is approximate).

NOTE: For test purposes, set pointer to minimum time setting.

5. Replace cover plate and turn main circuit on.

OPERATION

- Load may come ON when power is first applied. To turn it OFF, move switch to opposite position.
- To change current status of load at any time, move switch to opposite position.
- To reset (extend) timed cycle while load is ON, move switch to the opposite position and back immediately to the original position.

NOTE: The power will be momentarily interrupted when the timer is reset.

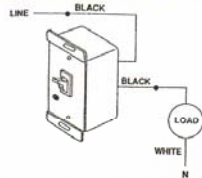
INSTALLATION

- If retrofit application, remove existing cover plate and wall switch.
- Install unit as you would any single pole or 3 way toggle switch.
- Wire in accordance with wiring diagrams below.

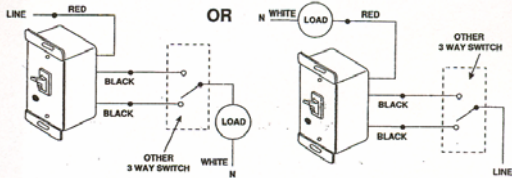
NOTE: For models SS13F and SS13B, RED wire is common.

ELECTRICAL CONNECTIONS

TYPICAL WIRING FOR 120 VAC SINGLE POLE



TYPICAL WIRING FOR 120 VAC - 3 WAY (Red is common)



Model with Flicker Feature

Model with "F" suffix will turn load OFF for 1/2 second, 2 minute: before end of timed cycle and again 1 minute before end of timer cycle.

Model with Buzzer Feature

Model with "B" suffix will begin a 1/2 second buzz every 12 second: during the last 2 minutes of the timed cycle.

ONE YEAR LIMITED WARRANTY

If this TORK product fails because of a manufacturing defect within one year after purchase, we will, at our option, either repair or replace it at no charge. Our warranty does not cover damage caused by accident, abuse or misuse.

Please mail defective unit to our factory with proof of purchase invoice and \$3.00 to cover handling and postage. Repairs beyond warranty will be made at our standard repair charge.

We assume no further liability with respect to the sale or use of this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY. We make no warranty with respect to the fitness of any goods for the users particular application.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.