

EH10 and EH40

Electronic Water Heater Time Switches

The EH Series Electronic Time Switches provide control for electric water heaters with to-the-minute accuracy in programming and time-keeping. The use of a water heater timer allows the customer to shift electricity use to "off-peak" time periods to reduce utility costs. These time switches can be programmed for repeat daily scheduling, 5-day work week scheduling, weekend scheduling or individual day scheduling. Models are available for both 120 and 240 VAC applications.

Applications

- Residential • Institutional • Industrial • Commercial
- Military Facilities • Schools

Features

- 42 ON/OFF events per week
- 7-day scheduling
- To-the-minute programming and time-keeping accuracy
- External override switch
- LED load indicator
- Replaceable battery backup



EH10

Model #	Input Voltage	Switch	Watts	Enclosure
EH10	120 VAC, 60 Hz	SPST	3600	Indoor Type 1 Metal
EH40	240 VAC, 60 Hz	DPST	7200	Indoor Type 1 Metal



Ratings	
Switch Rating for EH10	30 A Inductive, 30 A Resistive, 5 A Tungsten, 1 HP, 120 VAC, 60 Hz
Switch Rating for EH40	30 A Inductive, 30 A Resistive, 5 A Tungsten, 1 1/2 HP, 240 VAC, 60 Hz
Knockout Dimensions	
Side/Back	1/2" and 3/4" combination
Bottom	(2) 1/2" and 3/4" combination
Warranty	1-year limited

For enclosure line drawings and knockout locations, see pages 166-167.

T104-20 and WH40

Mechanical Water Heater Time Switches

With the easy-to-set "Yellow Dial," these time switches allow for basic control of electric water heaters. These time switches offer a minimum ON/OFF time of one hour, and are available for 208-250 VAC applications. With the proven reliability of our mechanical line, these time switches provide dependable electric water heater control.

Applications

- Residential • Institutional • Industrial • Commercial • Military Facilities • Schools

Features

- Two sets of ON/OFF trippers
- Enables shifting electricity use into off-peak hours to reduce energy costs
- Convenient external override switch
- Up to 12 ON/12 OFF events



T104-20

Model #	Switch Type	Clock Motor	Amps per pole	Watts Resistive	External Override
T104-20	DPST	208/277 VAC, 60Hz	40 A	10000	No
WH40	DPST	208/277 VAC, 60Hz	40 A	10000	Yes



Ratings	
Power Consumption	3 W
Operating Temperature	-40° F to 130° F (-40° C to 54° C)
Enclosure	
Metal Indoor	7 7/8" x 5 1/8" x 3 1/16" (200 mm x 130.2 mm x 87.3 mm)
Knockout Dimensions	
Side/Back	1/2" and 3/4" combination
Bottom	(2) 1/2" and 3/4" combination
Warranty	1-year limited

For enclosure line drawings and knockout locations, see pages 166-167.