



Specialty Time Switches

Give unique projects a boost with a wide variety of Specialty Time Switches from Intermatic. Timer controls like the Intermatic EH40, an Electronic Water Heater Time Switch that can be used to reduce utility costs, help expand options and add new functionality to projects.

Moreover, Percentage Cycle Time Switches are an excellent choice for ventilation and misting systems, processing equipment and feeding equipment. Other specialty switches include Mechanical Astronomic Controls and Irrigation Controls, which are ideal for agricultural and landscape needs.

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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.