

Electronic Timer Control - Electronic Water Heater Time Switch

Item EH10



PRODUCT DESCRIPTION

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.

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.

APPLICATIONS

- ▶ Agriculture Feeders
- ▶ Greenhouse Misting Control
- ▶ Water Heater Control

TECHNICAL DATA

General	
Model Number	EH10
Description	Electronic Water Heater Time Switch
UPC Code	078275042896
Brand	Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited

Control Specifications	
Minimum ON/OFF Times	1 min
Maximum ON/OFF Times	1min
Time Presets	Flexible
Operation Features	Override
Operation Mode	7 day
Backup Type	Battery
Battery Type	AA
Backup Protection Time	3 Years
Battery Service Type	Replaceable
Has Manual Override	Yes
Chemical Composition of the Battery Cell	Alkaline
On Events	6
Off Events	6
Total Events	12

Mechanical Specifications	
Enclosure Type	Indoor type 1 metal

Dimensions	
Product Dimensions (H x W x D) in	7.5 x 5.08 x 3 in
Wire Size Min	#14 AWG
Wire Size Max	#8 AWG
Knockout Dimensions Bottom	(2) combination 1/2" - 3/4"
Knockout Dimensions Back	(1) combination 1/2" - 3/4"
Material Specifications	
Color	Black
Body Material	Metal
Communication Method	
Has WiFi	No
Load Ratings	
General Purpose (NO) Range(s)	30 A
Inductive Load Ratings NO Ranges	30 A
Switch Rating For EH10	30 A Inductive, 30 A Resistive, 5 A Tungsten, 1 HP, 120 VAC, 60 Hz
Electrical Specifications	
Wiring Option	Terminals
Input Voltage Range(s)	120 VAC, 60 Hz
Number of Circuits	1
Switch Type	SPST
Maximum Power Consumption (W)	1 W
Display and Format	
Time Display Format	Digital display
Packaging	
Shipping Weight (lbs)	2.401
Unit Carton Dimensions (H x W x L) in	8 x 3.25 x 5.25 in
Product Weight (lbs)	2.401
Product Weight (kg)	1.09
Environmental Specifications	
Temperature (operation)	-40 °F to 104 °F / (-40 °C to 40 °C)
Standards and Certifications	
RoHS Directive	no
CSA Certification	cCSAus
Other Certifications and Compatibilities	Green Energy
California Proposition 65	Lead
RoHS Certification	N

ACCESSORIES



EHBATT-1
EH10 & EH40 Battery Door