

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 Operations	42
Minimum ON/OFF Times	1 min
Maximum ON/OFF Times	1min
Maximum ON/OFF Operations	42
Setpoint Program Count	84
ON/OFF Operations	42
Operation Mode	7 day
Backup Type	Battery
Battery Type	AA
Backup Protection Time	3 Years
Battery Service Type	Replaceable
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	#10 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	Gray
Body Material	Metal

Communication Method	
Has WiFi	No

Load Ratings	
Resistive (NC) Range(s)	30 A
General Purpose (NC) Range(s)	30 A
Inductive Load Ratings NC Ranges	30 A
Inductive Load Ratings NO Ranges	30 A
Motor Load Ratings NC Ranges	30 A

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

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 (kg)	1.09
Product Weight (lbs)	2.401

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

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ACCESSORIES



EBBATT-1  
EH10 & EH40 Battery Door