INTERMATIC

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	1
Minimum ON/OFF Times	1 min
Maximum ON/OFF Times	1min
Maximum ON/OFF Operations	6
Setpoint Program Count	12
ON/OFF Operations	42
Operation Mode	7 day
Backup Type	Battery
Battery Type	AA
Backup Protection Time	3 Years
Battery Service Type	Replaceable
Chemical Composition of the Battery Cell	Alkaline

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

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
Hz	60

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

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ACCESSORIES

EHBATT-1
EH10 & EH40 Battery Door

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