

Electromechanical Time Switch -

Item EH40



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	EH40
UPC Code	078275042902
Brand	Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited

Control Specifications

Minimum ON/OFF Times	1 min
Operation Mode	7 day
Backup Type	Battery
Battery Type	AA
Backup Protection Time	3 Years
Battery Service Type	Replaceable
Mechanism Type	Digital/Electrical
Has Override Switch	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
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Dimensions

Product Dimensions (H x W x D) in	7.5 x 5.08 x 3 in
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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
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Load Ratings

Inductive Load Ratings NO Ranges	30 A
Switch Rating For EH40	30 A Inductive, 30 A Resistive, 5 A Tungsten, 1 1/2 HP, 240 VAC, 60 Hz

Electrical Specifications

Wiring Option	Terminals
Input Voltage Range(s)	240 VAC
Switch Type	DPST
Watts	7200

Packaging

Shipping Weight (lbs)	2.501
Product Weight (kg)	1.09
Unit Carton Dimensions (H x W x L) in	8.25 x 3.5 x 5.5 in
Product Weight (lbs)	2.401

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