

## Electromechanical Time Switch -

Item WH40



### PRODUCT DESCRIPTION

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.

### 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

### APPLICATIONS

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

### TECHNICAL DATA

#### General

Model Number	WH40
UPC Code	078275007406
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited

#### Control Specifications

Minimum ON/OFF Times	1 hour
Operation Mode	24 hour
Mechanism Type	Analog/Mechanical
Has Manual Override	Yes
Has Override Switch	Yes
Application Compatibilities	Electric Water Heater
On Events	12
Off Events	12
Total Events	24

#### Mechanical Specifications

Enclosure Type	Indoor type 1 metal
Number of Trippers Included	2 ON/2 OFF

#### Dimensions

Product Dimensions (H x W x D) in	7.875 x 5.125 x 3.437 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"

Knockout Dimensions Left	(1) combination 1/2" - 3/4"
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#### Material Specifications

Color	Gray
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#### Load Ratings

Resistive Load Ratings Ranges	40 A Max, 208-277 VAC, 60 Hz
Clock Motor Voltage	208/277 VAC, 60 Hz

#### Electrical Specifications

Wiring Option	Terminals
Input Voltage Range(s)	208-277 VAC, 60 Hz
Switch Type	DPST
Maximum Power Consumption (W)	3 W
Watts	10000
Hz	60
Amperage	40 A

#### Packaging

Shipping Weight (lbs)	2.794
Unit Carton Dimensions (H x W x L) in	8.25 x 3.5 x 5.5 in

#### Environmental Specifications

Temperature (operation)	-40 °F to 130 °F / (-40 °C to 54 °C)
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#### Standards and Certifications

UL Certification	cULus
CSA Certification	cCSAus
Other Certifications and Compatibilities	Green Energy
UL File Number	UL917
California Proposition 65	Lead
RoHS Certification	N/A

**ACCESSORIES**



124T1952  
Insulator for Double-Pole Time Switch (T103, T104, T105, T173, T174, T175, T100, T7000, and WH40 T176, T185, WH40)



156T1978AD12  
12 Pack of 156T1978A Trippers for (T103, T104, T105, T173, T174, T175, T100, T7000, and WH40)



156T1978AMX  
1 Set of ON/OFF Trippers for T100, T7000, and WH40



156T3225A  
Trippers (2) Sets (ON/OFF) for T7000, WH Series (With ON/OFF Markings)



WG1571-10D  
MOTOR-BOXED, 125V 50HZ



156T1978A  
Extra/replacement trippers 1 ON and 2 OFF