

Electromechanical Time Switch - Electric Water Heater timer, 208-250VAC, 60Hz, SPST, 25A

Item WH21



PRODUCT DESCRIPTION

With the easy-to-set push pin style levers, these time switches allow for basic control of electric water heaters. These time switches offer a minimum ON/OFF time of 30 minutes, 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.
- ▶ 30-minute switching time.
- ▶ External override push button.
- ▶ SPST (Single-Pole Single-Throw).
- ▶ 25 A resistive load, 208-250 VAC, 60 HZ.
- ▶ #14-10 gauge wire size.

APPLICATIONS

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

TECHNICAL DATA

General	
Model Number	WH21
Description	Electric Water Heater timer, 208-250VAC, 60Hz, SPST, 25A
UPC Code	078275007024
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited
Control Specifications	
Minimum ON/OFF Times	30 min
Maximum ON/OFF Times	2 hours
Operation Mode	24 hour
Mechanism Type	Analog/Mechanical
Has Manual Override	Yes
Has Override Switch	Yes
Application Compatibilities	Electric Water Heater
Mechanical Specifications	
Enclosure Type	Indoor type 1 metal
Number of Trippers Included	1 ON/1 OFF
Dimensions	
Product Dimensions (H x W x D) in	6.75 x 5.25 x 3.25 in
Wire Size Min	#14 AWG
Wire Size Max	#10 AWG



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

Color	Gray
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Load Ratings

Resistive Load Ratings Ranges	21 A Max, 208-250 VAC, 60 Hz
Clock Motor Voltage	208-250 VAC, 60 Hz

Electrical Specifications

Wiring Option	Terminals
Input Voltage Range(s)	208-250 VAC, 60 Hz
Switch Type	SPST
Watts	6250
Hz	60
Amperage	25 A

Packaging

Shipping Weight (lbs)	2.245
Unit Carton Dimensions (H x W x L) in	6.751 x 5.251 x 3.251 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
Other Certifications and Compatibilities	Green Energy
California Proposition 65	Lead
RoHS Certification	N/A

ACCESSORIES



156EB1945A  
Trippers for E1020 (Pack of 2)



48EB937  
Spring - Cam Passivate for E1020 and WH21



48EB938  
Spring - Cam Green for E1020 and WH21



WG233-18  
Motor - 208/277 V 60 Hz with Leads