

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"
Material Specifications	
Color	Gray
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)
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