

Electromechanical Time Switch - Mechanical Water Heater 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 |
| Description | Mechanical Water Heater Time Switch |
| UPC Code | 078275007406 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 1-Year limited |

Control Specifications

| | |
|-----------------------------|-----------------------|
| Minimum ON/OFF Times | 1 hour |
| Maximum ON/OFF Operations | 12 |
| 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 | 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" |

Material Specifications

| | |
|-------|------|
| Color | Gray |
|-------|------|

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) |
|-------------------------|--------------------------------------|

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