

## Electromechanical Time Switch -

Item WH40D89



### 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

### TECHNICAL DATA

#### General

|                                |                |
|--------------------------------|----------------|
| Model Number                   | WH40D89        |
| 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" |

**Material Specifications**

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

**Load Ratings**

|                         |                     |
|-------------------------|---------------------|
| Resistive (NO) Range(s) | 40 Max, 208-277 VAC |
| 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)                 | 2.801                    |
| Unit Carton Dimensions (H x W x L) in | 8.001 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        |
| CSA Certification                        | cCSAus       |
| Other Certifications and Compatibilities | Green Energy |
| UL File Number                           | UL917        |
| California Proposition 65                | Lead         |

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## ACCESSORIES



156EB1945A  
Trippers for E1020 (Pack of 2)