

Electromechanical Time Switch - Mechanical Water Heater Time Switch

Item T104-20



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 | T104-20 |
| Description | Mechanical Water Heater Time Switch |
| UPC Code | 078275000131 |
| 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" |

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

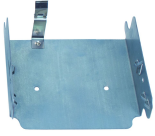
| Electrical Specifications | |
|-------------------------------|--------------------|
| Wiring Option | Terminals |
| Input Voltage Range(s) | 208-277 VAC, 60 Hz |
| Switch Type | DPST |
| Maximum Power Consumption (W) | 3 W |
| Amps Per Pole | 40 A |
| Watts Resistive | 10000 |

| Packaging | |
|---------------------------------------|--------------------|
| Shipping Weight (lbs) | 2.744 |
| Unit Carton Dimensions (H x W x L) in | 8.5 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 |
| UL File Number | UL917 |
| California Proposition 65 | Lead |
| RoHS Certification | X |

ACCESSORIES



22T338GR

Mounting Bracket for Inter-matic Standardized Timer Mechanisms