

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
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
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Load Ratings

Pilot Duty (NO) Range(s)	1000 VA, 120-277 VAC
Inductive Load Ratings NO Ranges	40 A, 120-277 VAC
Clock Motor Voltage	208/277 VAC, 60 Hz
Motor Load Ratings NO Ranges	2 HP (24 FLA) @ 120 VAC; 5 HP (28 FLA) @ 240 VAC
Tungsten Incandescent Load Ratings NO Ranges	40 A, 120-277 VAC

Electrical Specifications

Wiring Option	Terminals
Input Voltage Range(s)	208-277 VAC, 60 Hz
Number of Circuits	2
Switch Type	DPST
Maximum Power Consumption (W)	3 W
Watts	10000
Hz	60
Amperage	40 A

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)
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Standards and Certifications

UL Certification	cULus
CSA Certification	cCSAus
Other Certifications and Compatibilities	Green Energy; LED
UL File Number	UL917
California Proposition 65	Lead
RoHS Certification	N/A

ACCESSORIES



22T338GR

Mounting Bracket for Intermatic Standardized Timer Mechanisms Extra/replacement trippers 1 ON and 2 OFF



156T1978A