

## Mechanical Time Switch -

Item T104RD89



### PRODUCT DESCRIPTION

The T100 Series Mechanical Time Switch has proven it can stand the test of time. These dependable time switches can handle electrical loads up to 40 A per pole and allow for up to 12 ON/OFF operations per day. A manual override switch provides added convenience.

### FEATURES

- ▶ Direct 24-hour control of most loads
- ▶ Up to 12 ON/OFF operations each day with minimum ON/OFF times of one hour
- ▶ Manual override
- ▶ One ON and one OFF tripper included

### TECHNICAL DATA

#### General

|                                |                |
|--------------------------------|----------------|
| Model Number                   | T104RD89       |
| UPC Code                       | 078275000124   |
| Brand                          | Intermatic     |
| Country of Origin (Intermatic) | MEXICO         |
| Warranty Period                | 1-Year limited |

#### Control Specifications

|                             |              |
|-----------------------------|--------------|
| Minimum ON/OFF Times        | 1 hour       |
| Skipper Wheel               | Not Included |
| Operation Mode              | 24 hour      |
| Has Manual Override         | Yes          |
| Application Compatibilities | LED; HID     |
| On Events                   | 12           |
| Off Events                  | 12           |
| Total Events                | 24           |

#### Mechanical Specifications

|                |                              |
|----------------|------------------------------|
| Enclosure Type | Indoor/outdoor type 3R metal |
|----------------|------------------------------|

#### Dimensions

|                                   |                             |
|-----------------------------------|-----------------------------|
| Product Dimensions (H x W x D) in | 10.125 x 6.5 x 3.625 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" |

#### Load Ratings

|   |  |
|---|--|
| Tungsten Range(s)                         | 40 A, 120-277 VAC, 60 Hz   |
| Inductive                                 | 40 A, 277 VAC, 60 Hz; 40 A, 240 VAC, 60 Hz; 40 A, 208 VAC, 60 Hz; 40 A, 120 VAC, 60 Hz |
| Electronic Ballast Load Ratings NO Ranges | 16 A, 120-277 VAC  |
| Resistive Load Ratings Ranges             | 40 A, 120-480 VAC, 60 Hz   |
| Inductive Load Ratings Ranges             | 40 A, 120-277 VAC, 60 Hz   |

|                                |  |
|--------------------------------|--|
| Pilot Duty Load Ratings Ranges | 1000 VA, 120-277 VAC, 60 Hz                                  |
| Motor Load Ratings Ranges      | 2 HP, 24 FLA @ 120 VAC, 60 Hz; 5 HP, 28 FLA @ 240 VAC, 60 Hz |

#### 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                |
| Hz                            | 60                 |
| Amperage                      | 20 A               |

#### Packaging

|                                       |                    |
|---------------------------------------|--------------------|
| Shipping Weight (lbs)                 | 3.393              |
| Unit Carton Dimensions (H x W x L) in | 4 x 7.06 x 11.5 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; LED |
| UL File Number                           | UL917             |
| California Proposition 65                | Lead              |

## ACCESSORIES



156T1978AMX  
1 Set of ON/OFF Trippers for T100, T7000, and WH40



156T1978A  
Extra/replacement trippers 1 ON and 2 OFF



156T1978AD12  
12 Pack of 156T1978A Trippers for T100, T7000, and WH40



22T338GR  
Mounting Bracket for Intermatic Standardized Timer Mechanisms



124T1952  
Insulator for Double-Pole Time Switch (T103, T104, T105, T173, T174, T175, T104, T106, T172, T174, T176, WH40 T176, T185, WH40)



WG1573-10DMX  
208-277 VAC, 60 Hz Motor for T102,



156T1957A  
Skipper Screws (3 per package)