

## Mechanical Time Switch -

Item T7402B



### PRODUCT DESCRIPTION

These 7-Day Mechanical Time Switches offer the capability of having a different schedule for each day of the week. They can handle up to 40 A of electrical loads per circuit and have separate terminals for powering the clock motor. These time switches can handle up to four loads per clock, providing a single control for easier installation. Each time switch comes with 7 ON and 7 OFF trippers, allowing for at least one ON/OFF operation each day.

### FEATURES

- ▶ Different ON/OFF programs each day of the week
- ▶ True 7-day load control with minimum ON/OFF time of 3 1/2 hours
- ▶ Separate clock motor terminals for switching loads not on line voltage
- ▶ Carry-over automatically rewinds when power resumes
- ▶ Minimum of 16-hour carry-over for maintaining preset schedules during power failures
- ▶ Available with Type 1 rated indoor metal in gray finish with separate grounding terminal

### APPLICATIONS

- ▶ Timing/Scheduling ON/OFF
- ▶ Indoor Lighting Control

### TECHNICAL DATA

#### General

|                                |                |
|--------------------------------|----------------|
| Model Number                   | T7402B         |
| UPC Code                       | 078275462212   |
| Brand                          | Intermatic     |
| Country of Origin (Intermatic) | MEXICO         |
| Warranty Period                | 1-Year limited |

#### Control Specifications

|                             |              |
|-----------------------------|--------------|
| Minimum ON/OFF Times        | 3.5 hours    |
| Skipper Wheel               | Not Included |
| Operation Mode              | 7 day        |
| Has Manual Override         | Yes          |
| Application Compatibilities | LED; HID     |
| On Events                   | 24           |
| Off Events                  | 24           |
| Total Events                | 48           |

#### Mechanical Specifications

|                |                     |
|----------------|---------------------|
| Enclosure Type | Indoor type 1 metal |
|----------------|---------------------|

#### Dimensions

|                                   |                      |
|-----------------------------------|----------------------|
| Product Dimensions (H x W x D) in | 13.125 x 9 x 3.75 in |
| Wire Size Min                     | #14 AWG              |
| Wire Size Max                     | #8 AWG               |

#### Material Specifications

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

| Load Ratings                              |  |
|---|--|
| Motor Single Phase Ranges                 | 2 HP, 24 FLA @ 120 VAC, 60 Hz; 5 HP, 28 FLA @ 240 VAC, 60 Hz                           |
| Motor Three Phase Ranges                  | 7 1/2 HP, 28 FLA @ 208 VAC, 60 Hz; 10 HP, 28 FLA @ 240 VAC, 60 Hz                      |
| Tungsten Range(s)                         | 40 A, 120-277 VAC, 60 Hz   |
| Inductive                                 | 40 A, 120 VAC, 60 Hz; 40 A, 208 VAC, 60 Hz; 40 A, 240 VAC, 60 Hz; 40 A, 277 VAC, 60 Hz |
| Electronic Ballast Load Ratings NO Ranges | 16 A, 277 VAC, 60 Hz   |
| Inductive Load Ratings Ranges             | 40 A, 120-277 VAC, 60 Hz   |
| Pilot Duty Load Ratings Ranges            | 1000 VA, 120-277 VAC, Per Pole, 60 Hz  |

| Electrical Specifications     |                    |
|-------------------------------|--------------------|
| Wiring Option                 | Terminals          |
| Input Voltage Range(s)        | 208-277 VAC, 60 Hz |
| Number of Circuits            | 4                  |
| Switch Type                   | 4-SPST             |
| Maximum Power Consumption (W) | 3 W                |
| Hz                            | 60                 |
| Amperage                      | 40 A               |

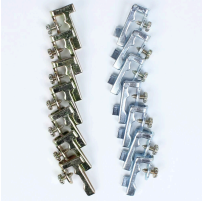
| Packaging                             |                        |
|---------------------------------------|------------------------|
| Shipping Weight (lbs)                 | 8.6                    |
| Unit Carton Dimensions (H x W x L) in | 9.31 x 4.13 x 12.63 in |

| 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 | LED; Green Energy |
| UL File Number                           | UL917             |
| California Proposition 65                | Lead              |
| RoHS Certification                       | N/A               |

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## ACCESSORIES



156T2548A  
7 Sets of ON/OFF Trippers for T7400 and T7800 Series



156T3225A  
Trippers (2) Sets (ON/OFF) for T7000, WH Series (With ON/OFF Markings)



WG1603-11D  
Motor-Boxed, 208/277 V, 60 Hz