

## Mechanical Time Switch - 7-Day Mechanical Time Switch, 208-277 VAC, 60Hz, 4-SPST, Indoor Metal Enclosure, 3.5 Hour Interval

Item T7402BC



### 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	T7402BC
Description	7-Day Mechanical Time Switch, 208-277 VAC, 60Hz, 4-SPST, Indoor Metal Enclosure, 3.5 Hour Interval
UPC Code	078275466227
Brand	Intermatic
Country of Origin (Intermatic)	FRANCE
Warranty Period	1-Year limited
Control Specifications	
Minimum ON/OFF Times	3.5 hours
Skipper Wheel	Not Included
Operation Mode	7 day
Backup Restoration Time	1 Hour for Every 2 Hours Without Power
Backup Type	Spring Wound Carry-over
Backup Protection Time	16 Hours
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

#### 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

Resistive (NO) Range(s) 40 A, 120-480 VAC

Pilot Duty (NO) Range(s) 1000 VA, 120-277 VAC, Per Pole

Inductive Load Ratings NO Ranges 40 A, 120-277 VAC

Electronic Ballast Load Ratings NO Ranges 16 A, 277 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 4

Switch Type 4-SPST

Maximum Power Consumption (W) 3 W

Hz 60

#### Packaging

Shipping Weight (lbs) 10.001

Unit Carton Dimensions (H x W x L) in 6.75 x 11.75 x 15.75 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

UL File Number UL917

California Proposition 65 Lead

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## ACCESSORIES



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



131T68GA  
125 VAC, 60 Hz Motor and Carry-over for T7400BC and T800BC Series



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



WG1383-11  
Motor - 208-277 V 60 Hz