

## Mechanical Time Switch - 7-Day Mechanical Time Switch, 120 VAC, 60Hz, 4-SPST, Indoor Metal Enclosure, 3.5 Hour Interval

Item T7401BC



### 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 3R rated outdoor metal enclosure or 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	T7401BC
Description	7-Day Mechanical Time Switch, 120 VAC, 60Hz, 4-SPST, Indoor Metal Enclosure, 3.5 Hour Interval
UPC Code	078275465022
Brand	Intermatic
Country of Origin (Intermatic)	FRANCE
Warranty Period	1-Year limited
Control Specifications	
Minimum ON/OFF Times	3.5 hours
Maximum ON/OFF Operations	28
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
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)	2 HP, 24 FLA @ 120 VAC, 60 Hz; 5 HP, 28 FLA @ 240 VAC, 60 Hz
Motor (Three-Phase)	7 1/2 HP, 28 FLA @ 208 VAC, 60 Hz; 10 HP, 28 FLA @ 240 VAC, 60 Hz
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
Electronic Ballast	16 A, 277 VAC, 60 Hz
Electronic Ballast Load Ratings Ranges	16 A, 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
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, Per Pole, 60 Hz

### Electrical Specifications

Wiring Option	Terminals
Input Voltage Range(s)	120 VAC, 60 Hz
Number of Circuits	4
Switch Type	4-PST/NO
Maximum Power Consumption (W)	3 W

### Packaging

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

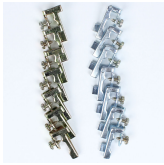
### Environmental Specifications

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
CSA File Number	C22.2-177; LR3730
California Proposition 65	Lead

**ACCESSORIES**



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

**Product Image Not Available**

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



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



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

**Product Image Not Available**

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

**Product Image Not Available**

156T1957A  
Skipper Screws (3 per package)



156T1978A  
Extra/replacement trippers 1 ON and 1 OFF