

Mechanical Time Switch -

Item T7801BC



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	T7801BC
UPC Code	078275467033
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

Material Specifications

Color Gray

Load Ratings

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

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) 120 VAC, 60 Hz

Number of Circuits 2

Switch Type 2 NO/2 NC

Maximum Power Consumption (W) 3 W

Hz 60

Packaging

Shipping Weight (lbs) 9.901

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; Green Energy

UL File Number UL917

California Proposition 65 Lead

RoHS Certification N/A

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)



WG1380-11
Motor - 125 V, 60 Hz, with Gear Cover