

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 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	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
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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
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
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)
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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



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



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



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



156T1957A
Skipper Screws (3 per package)



156T1978A
Extra/replacement trippers 1 ON and 2 Motor - 125 V, 60 Hz, with Gear Cover OFF



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