

## Mechanical Time Switch -

Item T7801BMX



### 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

### TECHNICAL DATA

#### General

Model Number	T7801BMX
UPC Code	078275463011
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
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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

#### 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
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	2
Switch Type	2 NO/2 NC
Maximum Power Consumption (W)	3 W
Hz	60

#### Packaging

Shipping Weight (lbs)	7.901
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)
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#### Standards and Certifications

Other Certifications and Compatibilities	LED; NOM
California Proposition 65	None
RoHS Certification	N/A

## ACCESSORIES



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



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



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)



156T1978A  
Extra/replacement trippers 1 ON and 2  
WG1600-11MX OFF

WG1600-11MX