



Timer Controls: Analog/Mechanical Time Switches

T7801B | 7-Day Mechanical Time Switch



T7801B

7-DAY MECHANICAL TIME SWITCH

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 & Applications

Features

Applications

- Heating

- 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
- Air Conditioning
- Pumps
- Indoor/Outdoor Lighting
- Motors
- Signs
- Filters
- Fans

Specifications

Minimum ON/OFF Times

3.5 hours

Pilot Duty

1000 VA, 120-277 VAC, 60 Hz

Wire Size Min

#14 AWG

Maximum ON/OFF Operations

28

Motor (Single-Phase)

2 HP, 24 FLA, 120 VAC, 60 Hz
5 HP, 28 FLA, 240 VAC, 60 Hz

Enclosure Type

Indoor Type 1 Metal

Input Voltages Display

120 VAC, 60 Hz

Motor (Three-Phase)

10 HP, 28 FLA, 240 VAC, 60 Hz
7 1/2 HP, 28 FLA, 208 VAC, 60 Hz

Product Height (in)

13.125

Operation Mode

7-day

Maximum Power Consumption (W)

3 W

Product Height (mm)

333.3

Has Override Switch

No

Product Width (in)

9

Resistive

40 A, 120-480 VAC, 60 Hz

Operating Temperature Max (°C)

54

Product Width (mm)

228.9

Inductive

40 A, 120-277 VAC, 60 Hz

Operating Temperature Max (F)

130

Product Depth (in)

3.75

Electronic Ballast

Product Depth (mm)

95.25

16 A, 277 VAC, 60 Hz

Tungsten

40 A, 120-277 VAC, 60 Hz

Operating Temperature
Min (°C)

-40

Operating Temperature
Min (F)

-40

Wire Size Max

#8 AWG

Warranty

1-year

Related Accessories and Parts (1)



156T2548A

**7 SETS OF ON/OFF TRIPPERS FOR T7400
AND T7800 SERIES**