

V45000 Series

Astronomic Dial Time Switches

The V4500 Series Astronomic Dial Time Switches are mechanical time switches with Skipper™ & Carryover features. They automatically adjust to seasonal changes as the days grow shorter or longer.

Features

- Astronomic dial automatically adjusts as days grow shorter/longer
- Skipper provides lighting control to be omitted on selected day(s)
- Three Skipper screws included
- Independent clock motor terminals
- 3PST switch configuration provides control of 3-phase lighting
- Minimum of 16 hours of carryover operation
- Carryover automatically rewinds when power resumes
- One hour of rewinding time for every two hours of power outage

Ratings

- Enclosure: Type 3R steel 8 1/4" (20.9 cm) H x 5 1/4" (13.3 cm) W x 4 3/4" (12.0 cm) D in beige finish. Hasp, with hole for lock, holds permanently attached, side hinged door closed.
- Knockouts: Combination 1/2" - 3/4" nominal knockouts one on back and each side of enclosure, four on bottom
- Switch Type: 3 Pole Single Throw
- Switch Rating: Each pole
 40 Amp 120-277 VAC
 20 Amp Inductive 120-277 VAC
 Single Phase
 40 Amp Tungsten 120 VAC
 1000 VA 120-277 VAC Pilot Duty
 2 HP 120 VAC; 5 HP 240 VAC
- Power Input: See table
- Operating Temperature: -40°F to 130°F (-40°C to 54°C)
- Shipping Weight: See table
- Warranty: Limited 1 year

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____



Model Number	Carryover	Clock Motor Volts 60 Hz	Clock Motor Power Input (Watts)	Shipping Weight
V45471CR30	Yes	120	5	9 lbs. (4.1 kg)
V45471CR34	Yes	120	5	9 lbs. (4.1 kg)
V45471CR42	Yes	120	5	9 lbs. (4.1 kg)
V45472CR30	Yes	208-277	5	9 lbs. (4.1 kg)
V45472CR34	Yes	208-277	5	9 lbs. (4.1 kg)
V45472CR42	Yes	208-277	5	9 lbs. (4.1 kg)
V45471R30	No	120	3	5 lbs. (2.3 kg)
V45471R34	No	120	3	5 lbs. (2.3 kg)
V45471R42	No	120	3	5 lbs. (2.3 kg)
V45472R30	No	208-277	3	5 lbs. (2.3 kg)
V45472R34	No	208-277	3	5 lbs. (2.3 kg)
V45472R42	No	208-277	3	5 lbs. (2.3 kg)

*Last two digits refer to latitude - see map

Specification

The time switch shall be of the 24-Hour dial type capable of automatically controlling lighting loads based on seasonal changes of sunset and sunrise times. The time switch shall be powered by _____ (125)(208-277) VAC, 60 Hz power supply. A Skipper dial shall be provided to allow for omitting operation on any selected day(s) of the week. The time switch mechanism shall be installed in a Type 3R rated lockable steel enclosure and require no more than _____ (3)(5) Watts to operate. The time switch with the suffix "C" shall include a spring wound carryover and shall maintain time control on schedule during power failure for up to 16 hours. The time switch carryover shall automatically rewind upon power resumption. Switch configuration shall be 3PST with an agency listed switch rating each pole of:

- 40 Amp 120-277 VAC
- 20 Amp Inductive 120-277 VAC
- Single Phase
- 40 Amp Tungsten 120 VAC
- 1000 VA 120-277 VAC Pilot Duty
- 2 HP 120 VAC; 5 HP 240 VAC

The time switch shall be agency listed and shall be Intermatic model _____ (See Model Numbers Listed).

Diagrams

