

# Mechanical Astronomic Time Switches



V46471CR

## V45000 Series

### Astronomic Dial Timers With Skipper™ & Carryover

- Adjusts for seasonal changes
- Astronomic dial automatically adjusts as days grow shorter or longer
- Skipper provides lighting control to be omitted on selected day(s) of the week
- Three Skipper screws furnished
- Independent clock motor terminals
- 3PST switch configuration provides control of 3-phase lighting
- Spring wound carryover provides a carryover of 16 hours minimum to maintain accurate load control even during power failure
- Carryover automatically rewinds itself when power resumes
- Only 1 hour is required to rewind the carryover for each 2 hours of outage

#### Applications:

- Parking Lots
- Landscape Lights
- Stairways
- Billboards
- Entryways
- Security
- Storefronts
- Car Lots

#### Specifications:

**Enclosure:** Steel, NEMA 3R Rated; Gray finish with hasp, with hole for lock, holds permanently attached, side hinged door closed. Mounting bracket plus two holes below switch on back for mounting. Separate grounding terminal.

8¼ in. (20.95 cm) H x 5¼ in. (13.34 cm) W x 4¾ in. (12.07 cm) D

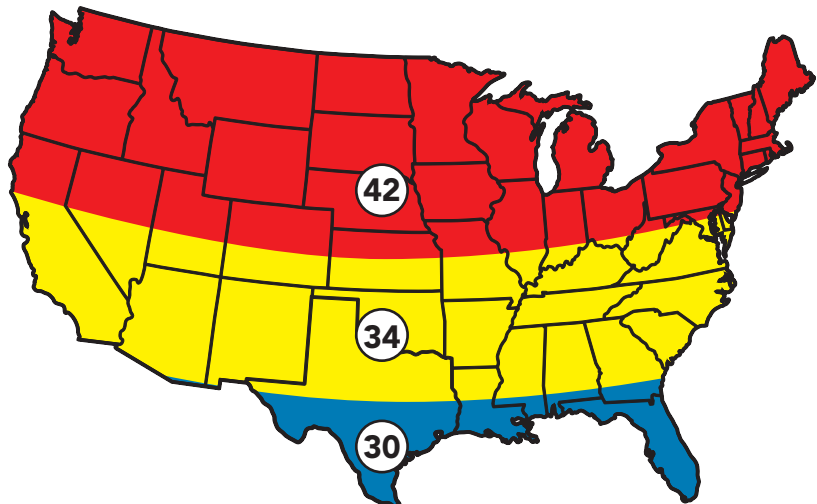
**Knockouts:** Combination ½ – ¾ in. nominal knockouts, one on back and each side of enclosure and two on bottom.

**Optional Enclosures:** None.

**Switch Rating:** Each pole; 40 Amp Tungsten up to 277 VAC; 1 HP, 120-277 VAC, 690 VA Pilot Duty.

Model # + Zone	Latitude	Switch	Carry Over	Clock Motor Volts AC 60 Hz
V45471CR —	30°, 34°, 42°	3PST	Yes	120
V45472CR —	30°, 34°, 42°	3PST	Yes	208-277
V45471R —	30°, 34°, 42°	3PST	No	120
V45472R —	30°, 34°, 42°	3PST	No	208-277

*Please refer to the Latitude Map below to identify which zone the product will be installed in. Simply add the zone to the end of the model number when ordering. For example: If you're installing the product in Zone 42 (Red) the order number would be V4571CR42*



UL917 C22.2-177 Models Other -40°F  
E10694 LR3730 V45471CR Models (-40°C)  
& 5 lbs to  
V45472CR 2.3 kg 130°F  
9 lbs (54°C)  
4.1 kg

**For Electronic Time Switches which offer an Astronomic Feature please see pages 34, 39-43, 50, 66-69**