

# INTERMATIC®

## ASTRONOMIC TIME SWITCH



### ET8000 Series Specifications

Model #	Interval	Maximum Switch Rating	Motor Rating	Switch Rating	Contact	Circuits
ET8015C/CR	7 day	30 A inductive/resistive, 120/208/240/277V	1 HP 120VAC	60 Hz	SPST	1
		20 A ballast 120-277V	2 HP 240VAC			
		5 A tungsten 240V				
		20 A resistive 28 VDC				
ET8115C/CR	7 day	20/10 A inductive/resistive, 120/208/240/277V	1 HP 120VAC	60 Hz	SPDT	1
		6/3 A ballast 277V	2 HP 240VAC			
		5/3 A tungsten 240V				
		20 A/10 A resistive 28 VDC				
ET8215C/CR	7 day	30 A inductive/resistive, 120/208/240/277V	1 HP 120VAC	60 Hz	DPST	2
		20 A ballast 120-277V	2 HP 240VAC			
		5 A tungsten 240V				
		20 A resistive 28 VDC				

### ET8000 Series Notes

**Indoor Case (C Suffix)** NEMA 1 drawn steel; 7-3/4" (19.7 cm) H, 5" (12.7 cm) W, 3" (7.6 cm) D; gray finish w/lockable spring hasp

**Indoor/Outdoor Case (CR Suffix)** NEMA 3R raintight enclosure, drawn steel; 9-3/8" (23.8 cm) H, 5-1/2" (14.0 cm) W, 3-5/8" (9.2 cm) D; gray finish w/lockable spring hasp

**Carry-Over** Two AAA industrial grade alkaline batteries supplied to maintain program and accurate timekeeping for 2 years minimum

**Min. ON/OFF Time** 1 minute

**Max. ON/OFF Time** 6 days 23 hours 59 minutes

**Wire Size** AWG #10 through #18

**Knockouts** Combination 1/2 - 3/4" (one on back and each side, two on bottom)

**Shipping Weight** 2.5 lbs. (1.1 kg)

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## ASTRONOMIC TIME SWITCH



**PROGRAMMABLE SUNRISE TO  
SUNSET 7 DAYS A WEEK**



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**PROGRAMMABLE SUNRISE TO SUNSET 7 DAYS A WEEK**



ET8215C/CR



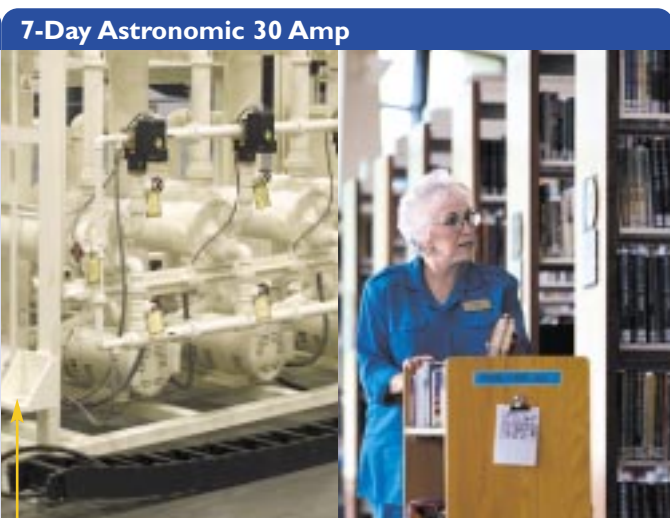
ET8115C/CR



ET8015C/CR

**ET8000 Series**

Intermatic's Electronic Astronomic 7-Day Time Switch automatically switches loads according to a preset weekly schedule with up-to-the-minute accuracy. The astronomic feature provides sunset ON and sunrise OFF settings to eliminate the need for separate photo control devices. The independent 7-day programming provides complete flexibility for applications where load switching differs each day of the week. Astronomic programming can be combined with independent programs to provide a sunset ON and time OFF program.



**7-Day Astronomic 30 Amp**

- FOR CONTROLLING**
- Lighting
  - HVAC
  - Heating/ventilation equipment
  - Pumps
  - Fans
  - Livestock feeders
  - Poultry equipment

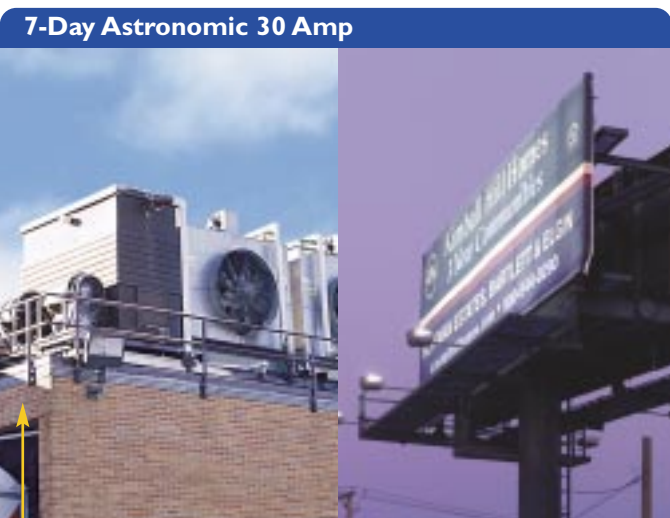
- SWITCH RATINGS (per pole)**
- 30A inductive/resistive, 120/208/240/277 V, 60 Hz
  - 20A ballast 120–277 V 60 Hz
  - 20A resistive - 28 V DC
  - 5A tungsten 240 V 60 Hz
  - 1 HP 120 V 60 Hz
  - 2 HP 240 V 60 Hz
  - DPST



**7-Day Astronomic 20 Amp**

- FOR CONTROLLING**
- Lighting
  - HVAC
  - Heating/ventilation equipment
  - Pumps
  - Fans
  - Livestock feeders
  - Poultry equipment

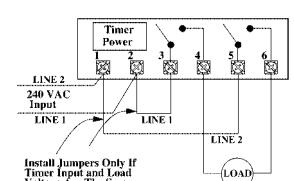
- SWITCH RATINGS (NO/NC)**
- 20A/10A inductive/resistive, 120/208/240/277 VAC, 60 Hz
  - 20A/10A resistive - 28 VDC
  - 6A/3A ballast 277 V 60 Hz
  - 5A/3A, 240 V tungsten
  - 1 HP/ 1/4 HP 120 V 60 Hz
  - 2 HP/ 1/2 HP 240 V 60 Hz
  - SPDT



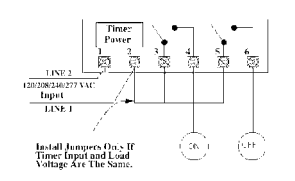
**7-Day Astronomic 30 Amp**

- FOR CONTROLLING**
- Lighting
  - HVAC
  - Heating/ventilation equipment
  - Pumps
  - Fans
  - Livestock feeders
  - Poultry equipment

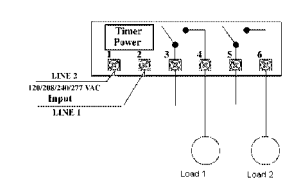
- SWITCH RATINGS (per pole)**
- 30A inductive/resistive, 120/208/240/277 V, 60 Hz
  - 20A ballast 120–277 V 60 Hz
  - 20A resistive - 28 V DC
  - 5A tungsten 240 V 60 Hz
  - 1 HP 120 V 60 Hz
  - 2 HP 240 V 60 Hz
  - SPST



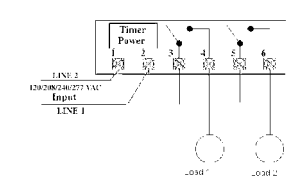
**Simultaneous Operation**  
Configured for 240VAC DPST load with circuit board jumper set to SIM



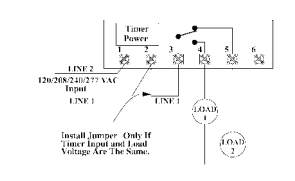
**Pulse Operation**  
Configured for pulse SPST load with circuit board jumper set to PUL



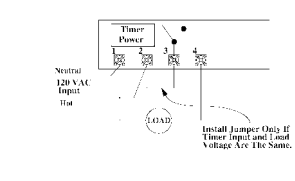
**Independent Operation**  
Configured for two SPST loads with circuit board jumper set to IND



**Simultaneous Operation**  
Configured for DPST loads with circuit board jumper set to SIM



Configured for SPDT load switching



Configured for SPST 120VAC load

For more information go to [www.intermatic.com](http://www.intermatic.com)

- Copy & paste specifier text
- Downloadable programming help and wiring diagrams