# Electronic Timer Control - Astronomic 365-Day 1-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, SPDT, Outdoor Metal Enclosure, Ethernet Optional

Item ET90115CR



## PRODUCT DESCRIPTION

The ET90000 Series combines powerful and intuitive scheduling with truly maintenance-free convenience and included capability of a 2 hour override. The PC App provides real-time remote control, and the USB connection and Ethernet capabilities enable in-field updates. These products can be used to help meet Title 24 requirements.

## FEATURES

- Automatic input voltage selection from 120 to 277 VAC, 50/60 Hz.
- Over 2,000 events plus holiday schedules
- Allows for simple override control when paired with MS-101-WH Momentary Switch (sold separately).
- Advanced scheduling including relative events, such as fourth Thursday of November or first week of year.
- 30 A rated contacts.
- 100-hour supercapacitor eliminates the need for batteries.
- USB connection for uploading, downloading and transferring programs.
- Easy-to-follow on-screen menus for programming to-the-minute accuracy.
- Non-volatile memory protects programming indefinitely.
- Firmware can be upgraded in-field via USB or Ethernet.
- Internally expandable, in 4-circuit increments, up to 16-circuits for 4, 8, and 12-circuit models.

## APPLICATIONS

- Indoor Lighting Control
- Outdoor Lighting Control
- Timing/Scheduling ON/OFF
- Machinery & Pump Controls

## TECHNICAL DATA

| General | |
|---|---|
| Model Number | ET90115CR |
| Description | Astronomic 365-Day 1-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, SPDT, Outdoor Metal Enclosure, Ethernet Optional |
| UPC Code | 078275124844 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 3-Year limited |

| Control Specifications | |
|---|---|
| Minimum Pulse Time | 1 sec |
| Maximum Pulse Time | 23 hours, 59 minutes |
| Maximum ON/OFF Times | Indefinite |
| Time Presets | Flexible |
| Operation Features | Astronomic; Holiday |
| Operation Mode | 365 day |
| Data Transfer Options | Ethernet Optional/USB |
| Daylight Savings Adjustment | Automatic |
| Backup Restoration Time | 30 Minutes |

| | |
|---|---|
| Backup Type | Supercapacitor |
| Backup Protection Time | 100 Hour |
| On Events | 2000 |
| Off Events | 2000 |
| Total Events | 2000 |

| **Mechanical Specifications** | |
|---|---|
| Enclosure Type | Outdoor type 3R metal |

| **Dimensions** | |
|---|---|
| Product Dimensions (H x W x D) in | 9.6 x 5.7 x 3.6 in |
| Wire Size Min | #20 AWG |
| Wire Size Max | #6 AWG |

| **Material Specifications** | |
|---|---|
| Color | Gray |
| Finish | Gloss |

| **Communication Method** | |
|---|---|
| Has WiFi | No |

| **Load Ratings** | |
|---|---|
| Magnetic Ballast (NO) Range(s) | 20 A, 120-277 VAC |
| Magnetic Ballast (NC) Range(s) | 3 A, 120-277 VAC |
| Resistive (NO) Range(s) | 20 A, 28VDC; 30 A, 12-240 VAC |
| Resistive (NC) Range(s) | 10 A, 28 VDC; 10 A, 12-240 VAC |
| Pilot Duty (NO) Range(s) | 470 VA, 120-240 VAC |
| Pilot Duty (NC) Range(s) | 275 VA, 120-240 VAC |
| General Purpose (NC) Range(s) | 10 A, 12-240 VAC |
| General Purpose (NO) Range(s) | 30 A, 12-240 VAC |
| Electronic Ballast (NO) Range(s) | 8 A, 120-277 VAC |
| Motor Load (NC) Range(s) | 1/4 HP, 120 VAC, 50/60 Hz; 1/2 HP, 240 VAC, 50/60 Hz |
| Motor Load (NO) Range(s) | 1 HP @ 120 VAC; 2 HP @ 240 VAC |
| Tungsten Incandescent (NO) Range(s) | 5 A, 12-120 VAC |

| **Electrical Specifications** | |
|---|---|
| Voltage Selection Type | Auto-Voltage |
| Wiring Option | Terminals |
| Input Voltage Range(s) | 120-277 VAC, 50/60 Hz |
| Number of Circuits | 1 |
| Switch Type | SPDT |
| Maximum Power Consumption (W) | 16 W |
| Electronic Series | ET90000 Series |

| **Packaging** | |
|---|---|
| Shipping Weight (lbs) | 4.191 |
| Unit Carton Dimensions (H x W x L) in | 9 x 4.38 x 11.38 in |

| Environmental Specifications | |
|---|---|
| Temperature (operation) | -40 °F to 104 °F / (-40 °C to 40 °C) |

| Standards and Certifications | |
|---|---|
| UL Certification | cULus |
| CSA Certification | cCSAus |
| Other Certifications and Compatibilities | Title 20; Green Energy + |
| California Proposition 65 | Lead |
| RoHS Certification | N/A |

## ACCESSORIES



ET9232

Ethernet Module for ET90000 Upgrade or Replacement



ET-NF

RC Snubber Noise Filter 24-277 VAC for Electronic Controls



MS-101-WH

Commercial Grade Decorator Momentary Contact Switch