

**Electronic Timer Control** - Astronomic 365-Day 8-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 8-SPDT/4-DPDT, Outdoor Metal Enclosure, Ethernet Included

Item ET90815CR



**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                   | ET90815CR                                                                                                                         |
| Description                    | Astronomic 365-Day 8-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 8-SPDT/4-DPDT, Outdoor Metal Enclosure, Ethernet Included |
| UPC Code                       | 078275124929                                                                                                                      |
| Brand                          | Intermatic                                                                                                                        |
| Country of Origin (Intermatic) | MEXICO                                                                                                                            |
| Warranty Period                | 3-Year limited                                                                                                                    |
| Control Specifications         |                                                                                                                                   |
| Minimum ON/OFF Times           | 1 Sec                                                                                                                             |
| Minimum Pulse Time             | 1 sec                                                                                                                             |
| Maximum Pulse Time             | 23 hours, 59 minutes                                                                                                              |
| Maximum ON/OFF Times           | 365 days                                                                                                                          |
| 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 | 17.9 x 12.7 x 5.4 in |
|-----------------------------------|----------------------|

#### Material Specifications

|               |       |
|---------------|-------|
| Color         | Gray  |
| Body Material | Metal |
| Finish        | Gloss |

#### Communication Method

|          |    |
|----------|----|
| Has WiFi | No |
|----------|----|

#### Load Ratings

|                                           |                                                                                                                                                                                                                                                      |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tungsten (NO) Load Ratings                | 5 A, 12 VAC, 50 Hz; 5 A, 24 VAC, 50 Hz; 5 A, 50 VAC, 50 Hz; 5 A, 110 VAC, 50 Hz; 5 A, 115 VAC, 50 Hz; 5 A, 120 VAC, 50 Hz; 5 A, 12 VAC, 60 Hz; 5 A, 24 VAC, 60 Hz; 5 A, 50 VAC, 60 Hz; 5 A, 110 VAC, 60 Hz; 5 A, 115 VAC, 60 Hz; 5 A, 120 VAC, 60 Hz |
| Magnetic Ballast (NO) Range(s)            | 20 A, 120-277 VAC, 50/60 Hz                                                                                                                                                                                                                          |
| Magnetic Ballast (NC) Range(s)            | 3 A, 120-277 VAC, 50/60 Hz                                                                                                                                                                                                                           |
| Resistive (NO) Range(s)                   | 20 A, 28 VDC; 30 A, 12-240 VAC, 50/60 Hz                                                                                                                                                                                                             |
| Resistive (NC) Range(s)                   | 10 A, 28 VDC; 10 A, 12-240 VAC, 50/60 Hz                                                                                                                                                                                                             |
| Pilot Duty (NO) Range(s)                  | 470 VA, 120-240 VAC, 50/60 Hz                                                                                                                                                                                                                        |
| Pilot Duty (NC) Range(s)                  | 275 VA, 120-240 VAC, 50/60 Hz                                                                                                                                                                                                                        |
| General Purpose (NC) Range(s)             | 10 A, 12-240 VAC, 50/60 Hz                                                                                                                                                                                                                           |
| General Purpose (NO) Range(s)             | 30 A, 12-240 VAC, 50/60 Hz                                                                                                                                                                                                                           |
| Electronic Ballast Load Ratings NO Ranges | 8 A, 120-277 VAC, 50/60 Hz                                                                                                                                                                                                                           |
| Tungsten (NO) Range(s)                    | 5 A, 12-120 VAC, 50/60 Hz                                                                                                                                                                                                                            |
| Motor Load Ratings NC Ranges              | 1/4 HP, 120 VAC, 50/60 Hz; 1/2 HP, 240 VAC, 50/60 Hz                                                                                                                                                                                                 |
| Motor Load Ratings NO Ranges              | 1 HP, 120 VAC, 50/60 Hz; 2 HP, 240 VAC, 50/60 Hz                                                                                                                                                                                                     |

#### Electrical Specifications

|                               |                       |
|-------------------------------|-----------------------|
| Voltage Selection Type        | Auto-Voltage          |
| Wiring Option                 | Terminals             |
| Input Voltage Range(s)        | 120-277 VAC, 50/60 Hz |
| Number of Circuits            | 8                     |
| Switch Type                   | 8xSPDT; 4xDPDT        |
| Maximum Power Consumption (W) | 50 W                  |
| Electronic Series             | ET90000 Series        |
| Hz                            | 50/60                 |
| Amperage                      | 30 A                  |



Packaging

|                                       |                       |
|---------------------------------------|-----------------------|
| Shipping Weight (lbs)                 | 20.557                |
| Unit Carton Dimensions (H x W x L) in | 9 x 17.25 x 22.625 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



ET-NF  
RC Snubber Noise Filter 24-277 VAC for Electronic Controls