

## Electronic Timer Control - Astronomic 365-Day 2-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 2-SPDT, Indoor Metal Enclosure, Ethernet Included

Item ET90215CE



### 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                   | ET90215CE   |
| Description                    | Astronomic 365-Day 2-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 2-SPDT, Indoor Metal Enclosure, Ethernet Included |
| UPC Code                       | 078275124899  |
| 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 | Indoor type 1 metal |
|----------------|---------------------|

#### Dimensions

|                                   |                  |
|-----------------------------------|------------------|
| Product Dimensions (H x W x D) in | 7.8 x 5.1 x 3 in |
|-----------------------------------|------------------|

#### Material Specifications

|       |      |
|-------|------|
| Color | Gray |
|-------|------|

#### 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, 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                                     |
| Tungsten (NO) Range(s)                    | 5 A, 12-120 VAC                                      |
| 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            | 2                     |
| Switch Type                   | 2xSPDT                |
| Maximum Power Consumption (W) | 16 W                  |
| Electronic Series             | ET90000 Series        |
| Hz                            | 50/60                 |
| Amperage                      | 30 A                  |

#### Packaging

|                                       |                     |
|---------------------------------------|---------------------|
| Shipping Weight (lbs)                 | 3.642               |
| 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