

# Electronic Timer Control - Astronomic 7-Day/365 Day 1-Circuit Electronic Control, 120-277 VAC, SPDT, Indoor Metal Enclosure

Item ET2815C



## PRODUCT DESCRIPTION

The ET2000 Series offers an easy-to-use interface, while still allowing to-the-minute scheduling capabilities for nearly any application. This series provides 50 holiday blocks with independent scheduling to ensure the loads are always in the proper ON/OFF state. This series also includes 96 ON/OFF events for even the most demanding schedules. The scheduling capabilities, configurable outputs, and a 100-hour backup without the need of batteries, make this series ideal for nearly any application. They come in standard 7-day astronomic versions.

## FEATURES

- ▶ 100-hour supercapacitor eliminates the need for batteries
- ▶ Up to 96 set points or events
- ▶ Up to 50 holiday blocks with schedule capabilities
- ▶ Automatic input voltage selection from 120 to 277 VAC, 60 Hz
- ▶ Additional mode of operation turns the ON/OFF buttons into 2-hour overrides
- ▶ Configurable outputs allow the control of various voltages and applications
- ▶ Relays incorporate zero-crossing technology to extend the life of the control
- ▶ Non-volatile EEPROM memory protects programming indefinitely
- ▶ LED compatible
- ▶ USB port makes transferring and saving of schedules easy

## APPLICATIONS

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

## TECHNICAL DATA

| General                        |                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| Model Number                   | ET2815C                                                                                          |
| Description                    | Astronomic 7-Day/365 Day 1-Circuit Electronic Control, 120-277 VAC, SPDT, Indoor Metal Enclosure |
| UPC Code                       | 078275148239                                                                                     |
| Brand                          | Intermatic                                                                                       |
| Country of Origin (Intermatic) | MEXICO                                                                                           |
| Warranty Period                | 2-Year limited                                                                                   |

| Control Specifications      |                     |
|-----------------------------|---------------------|
| Minimum ON/OFF Times        | 1 min               |
| Maximum ON/OFF Times        | Indefinite          |
| Maximum ON/OFF Operations   | 96                  |
| Setpoint Program Count      | 96                  |
| ON/OFF Operations           | 96                  |
| Operation Features          | Astronomic; Holiday |
| Operation Mode              | 7 day               |
| Daylight Savings Adjustment | Automatic           |
| Backup Restoration Time     | 30 Minutes          |
| Backup Type                 | Supercapacitor      |
| Backup Protection Time      | 100 Hour            |

|                             |     |
|-----------------------------|-----|
| Application Compatibilities | LED |
|-----------------------------|-----|

Mechanical Specifications

|                |                     |
|----------------|---------------------|
| Enclosure Type | Indoor type 1 metal |
|----------------|---------------------|

Dimensions

|                                   |                             |
|-----------------------------------|-----------------------------|
| Product Dimensions (H x W x D) in | 7.875 x 5.125 x 3.437 in    |
| Wire Size Min                     | #14 AWG                     |
| Wire Size Max                     | #8 AWG                      |
| Knockout Dimensions Bottom        | (2) combination 1/2" - 3/4" |
| Knockout Dimensions Back          | (1) combination 1/2" - 3/4" |

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, 28 VDC; 20 A, 120-240 VAC  |
| Resistive (NC) Range(s)                   | 10 A, 28 VDC; 10 A, 120-240 VAC  |
| Inductive Load Ratings NC Ranges          | 10 A, 120-240 VAC                |
| Inductive Load Ratings NO Ranges          | 20 A, 120-240 VAC                |
| Electronic Ballast Load Ratings NO Ranges | 10 A, 120/277 VAC                |
| Motor Load Ratings NC Ranges              | 1/4 HP, 120 VAC; 1/2 HP, 240 VAC |
| Motor Load Ratings NO Ranges              | 1 HP, 120 VAC; 2 HP, 240 VAC     |

Electrical Specifications

|                               |                    |
|-------------------------------|--------------------|
| Voltage Selection Type        | Auto-Voltage       |
| Wiring Option                 | Terminals          |
| Input Voltage Range(s)        | 120-277 VAC, 60 Hz |
| Number of Circuits            | 1                  |
| Switch Type                   | SPDT               |
| Maximum Power Consumption (W) | 3 W                |
| Electronic Series             | ET2000 Series      |
| Hz                            | 60                 |

Packaging

|                                       |                     |
|---------------------------------------|---------------------|
| Shipping Weight (lbs)                 | 2.75                |
| Unit Carton Dimensions (H x W x L) in | 8 x 3.15 x 5.236 in |

Environmental Specifications

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

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