

## Electronic Timer Control - Astronomic 7-Day/365 Day 4-Circuit Electronic Control, 120-277 VAC, 4-SPST/2-DPST, Outdoor Metal Enclosure

Item ET2845CR



### 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                   | ET2845CR                                                                                                   |
| Description                    | Astronomic 7-Day/365 Day 4-Circuit Electronic Control, 120-277 VAC, 4-SPST/2-DPST, Outdoor Metal Enclosure |
| UPC Code                       | 078275147744                                                                                               |
| Brand                          | Intermatic                                                                                                 |
| Country of Origin (Intermatic) | MEXICO                                                                                                     |
| Warranty Period                | 2-Year limited                                                                                             |
| Control Specifications         |                                                                                                            |
| Minimum ON/OFF Times           | 1 min                                                                                                      |
| Minimum Pulse Time             | 2 sec                                                                                                      |
| Maximum Pulse Time             | 2 sec                                                                                                      |
| 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 | Outdoor type 3R metal |
|----------------|-----------------------|

#### Dimensions

|                                   |                         |
|-----------------------------------|-------------------------|
| Product Dimensions (H x W x D) in | 10.125 x 6.5 x 3.625 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 |
|--------------------------------|-------------------|

|                         |                                 |
|-------------------------|---------------------------------|
| Resistive (NO) Range(s) | 20 A, 28 VDC; 30 A, 120-240 VAC |
|-------------------------|---------------------------------|

|                                  |                   |
|----------------------------------|-------------------|
| Inductive Load Ratings NO Ranges | 30 A, 120-240 VAC |
|----------------------------------|-------------------|

|                                           |                   |
|-------------------------------------------|-------------------|
| Electronic Ballast Load Ratings NO Ranges | 10 A, 120/277 VAC |
|-------------------------------------------|-------------------|

|                        |                  |
|------------------------|------------------|
| Tungsten (NO) Range(s) | 5 A, 120-277 VAC |
|------------------------|------------------|

|                              |                              |
|------------------------------|------------------------------|
| Motor Load Ratings NO Ranges | 1 HP, 120 VAC; 2 HP, 240 VAC |
|------------------------------|------------------------------|

|                        |      |
|------------------------|------|
| Electronic Ballast LED | 10 A |
|------------------------|------|

#### Electrical Specifications

|                        |              |
|------------------------|--------------|
| Voltage Selection Type | Auto-Voltage |
|------------------------|--------------|

|               |           |
|---------------|-----------|
| Wiring Option | Terminals |
|---------------|-----------|

|                        |                    |
|------------------------|--------------------|
| Input Voltage Range(s) | 120-277 VAC, 60 Hz |
|------------------------|--------------------|

|                    |   |
|--------------------|---|
| Number of Circuits | 4 |
|--------------------|---|

|             |                         |
|-------------|-------------------------|
| Switch Type | 4xSPST, 2xDPST or Pulse |
|-------------|-------------------------|

|                               |     |
|-------------------------------|-----|
| Maximum Power Consumption (W) | 7 W |
|-------------------------------|-----|

|                   |               |
|-------------------|---------------|
| Electronic Series | ET2000 Series |
|-------------------|---------------|

|    |    |
|----|----|
| Hz | 60 |
|----|----|

#### Packaging

|                       |     |
|-----------------------|-----|
| Shipping Weight (lbs) | 3.3 |
|-----------------------|-----|

|                                       |                     |
|---------------------------------------|---------------------|
| Unit Carton Dimensions (H x W x L) in | 10.06 x 4 x 6.56 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                           |