

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.

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 |

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| Backup Protection Time | 100 Hour |
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| Application Compatibilities | LED |
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Mechanical Specifications

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| Enclosure Type | Outdoor type 3R metal |
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Dimensions

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|-----------------------------------|-------------------------|
| Product Dimensions (H x W x D) in | 10.125 x 6.5 x 3.625 in |
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|---------------|---------|
| Wire Size Min | #14 AWG |
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|---------------|--------|
| Wire Size Max | #8 AWG |
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|----------------------------|-----------------------------|
| Knockout Dimensions Bottom | (2) combination 1/2" - 3/4" |
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|--------------------------|-----------------------------|
| Knockout Dimensions Back | (1) combination 1/2" - 3/4" |
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Load Ratings

| | |
|------------------------|------|
| Electronic Ballast LED | 10 A |
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|--------------------------------|-------------------|
| Magnetic Ballast (NO) Range(s) | 20 A, 120-277 VAC |
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| Resistive (NO) Range(s) | 20 A, 28 VDC; 30 A, 120-240 VAC |
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|----------------------------------|-------------------|
| Inductive Load Ratings NO Ranges | 30 A, 120-240 VAC |
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|---|-------------------|
| Electronic Ballast Load Ratings NO Ranges | 10 A, 120/277 VAC |
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|------------------------|------------------|
| Tungsten (NO) Range(s) | 5 A, 120-277 VAC |
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|------------------------------|------------------------------|
| Motor Load Ratings NO Ranges | 1 HP, 120 VAC; 2 HP, 240 VAC |
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Electrical Specifications

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| Voltage Selection Type | Auto Voltage |
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| Wiring Option | Terminals |
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| Input Voltage Range(s) | 120-277 VAC, 60 Hz |
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| Number of Circuits | 4 |
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| Switch Type | 4xSPST, 2xDPST or Pulse |
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| Maximum Power Consumption (W) | 7 W |
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| Electronic Series | ET2000 Series |
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Packaging

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| Shipping Weight (lbs) | 3.3 |
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| Unit Carton Dimensions (H x W x L) in | 10.06 x 4 x 6.56 in |
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Environmental Specifications

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

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| UL Certification | cULus |
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| Other Certifications and Compatibilities | LED; Title 20 |
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| California Proposition 65 | Lead |
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DRAWINGS AND DIAGRAMS

