

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

Item ET2845C



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	ET2845C
Description	Astronomic 7-Day/365 Day 4-Circuit Electronic Control, 120-277 VAC, 4-SPST/2-DPST, Indoor Metal Enclosure
UPC Code	078275147737
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	Indoor type 1 metal
----------------	---------------------

Dimensions

Product Dimensions (H x W x D) in	7.875 x 5.125 x 3.4375 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"
--------------------------	-----------------------------

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
------------------------------	------------------------------

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
-------------------	---------------

Packaging

Shipping Weight (lbs)	2.95
-----------------------	------

Unit Carton Dimensions (H x W x L) in	8.063 x 3.188 x 5.313 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
--	---------------

California Proposition 65	Lead
---------------------------	------

DRAWINGS AND DIAGRAMS

