Electronic Timer Control - Astronomic 365-Day 4-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 4-SPDT/2-DPDT, Outdoor Metal Enclosure, Ethernet Included

Item ET90415CR



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	ET90415CR
Description	Astronomic 365-Day 4-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 4-SPDT/2-DPDT, Outdoor Metal Enclosure, Ethernet Included
UPC Code	078275124912
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	3-Year limited

Control Specifications	
Minimum Pulse Time	1 sec
Maximum Pulse Time	23 hours, 59 minutes
Maximum ON/OFF Times	Indefinite
Time Presets	Flexible
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	Outdoor type 3R metal

Dimensions	
Product Dimensions (H x W x D) in	17.9 x 12.7 x 5.4 in
Wire Size Min	#20 AWG
Wire Size Max	#6 AWG

Material Specifications	
Color	Gray
Finish	Gloss

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
Pilot Duty (NC) Range(s)	275 VA, 120-240 VAC
General Purpose (NC) Range(s)	10 A, 12-240 VAC
General Purpose (NO) Range(s)	30 A, 12-240 VAC
Electronic Ballast (NO) Range(s)	8 A, 120-277 VAC
Motor Load (NC) Range(s)	1/4 HP, 120 VAC, 50/60 Hz; 1/2 HP, 240 VAC, 50/60 Hz
Motor Load (NO) Range(s)	1 HP @ 120 VAC; 2 HP @ 240 VAC
Tungsten Incandescent (NO) Range(s)	5 A, 12-120 VAC

Electrical Specifications	
Voltage Selection Type	Auto-Voltage
Wiring Option	Terminals
Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Number of Circuits	4
Switch Type	4xSPDT; 2xDPDT
Maximum Power Consumption (W)	50 W
Electronic Series	ET90000 Series

Packaging	
Shipping Weight (lbs)	20.5
Unit Carton Dimensions (H x W x L) in	8.75 x 17.25 x 22 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

ACCESSORIES



ET-NF
RC Snubber Noise Filter 24-277 VAC for Electronic Controls



MS-101-WH
Commercial Grade Decorator Momentary Contact Switch