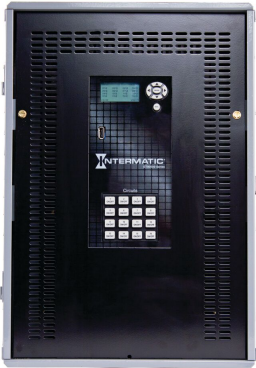# Electronic Timer Control - Astronomic 365-Day 16-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 16-SPDT/8-DPDT, Outdoor Metal Enclosure, Ethernet Included

Item ET91615CR

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	ET91615CR
Description	Astronomic 365-Day 16-Circuit Electronic Control, 120-277 VAC, 50/60 Hz, 16-SPDT/8-DPDT, Outdoor Metal Enclosure, Ethernet Included
UPC Code	078275124943
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	3-Year limited

Control Specifications	
Minimum ON/OFF Times	1 Sec
Minimum Pulse Time	1 sec
Maximum Pulse Time	23 hours, 59 minutes
Maximum ON/OFF Times	365 days
Maximum ON/OFF Operations	2000
Setpoint Program Count	2000
ON/OFF Operations	2000
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

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

Material Specifications

Color	Black

Communication Method

Has WiFi	No

Load Ratings

Tungsten (NO) Load Ratings	5 A, 12 VAC, 50 Hz; 5 A, 24 VAC, 50 Hz; 5 A, 50 VAC, 50 Hz; 5 A, 110 VAC, 50 Hz; 5 A, 115 VAC, 50 Hz; 5 A, 120 VAC, 50 Hz; 5 A, 12 VAC, 60 Hz; 5 A, 24 VAC, 60 Hz; 5 A, 50 VAC, 60 Hz; 5 A, 110 VAC, 60 Hz; 5 A, 115 VAC, 60 Hz; 5 A, 120 VAC, 60 Hz
Magnetic Ballast (NO) Range(s)	20 A, 120-277 VAC, 50/60 Hz
Magnetic Ballast (NC) Range(s)	3 A, 120-277 VAC, 50/60 Hz
Resistive (NO) Range(s)	20 A, 28 VDC; 30 A, 12-240 VAC, 50/60 Hz
Resistive (NC) Range(s)	10 A, 28 VDC; 10 A, 12-240 VAC, 50/60 Hz
Pilot Duty (NO) Range(s)	470 VA, 120-240 VAC, 50/60 Hz
Pilot Duty (NC) Range(s)	275 VA, 120-240 VAC, 50/60 Hz
General Purpose (NC) Range(s)	10 A, 12-240 VAC, 50/60 Hz
General Purpose (NO) Range(s)	30 A, 12-240 VAC, 50/60 Hz
Electronic Ballast Load Ratings NO Ranges	8 A, 120-277 VAC, 50/60 Hz
Tungsten (NO) Range(s)	5 A, 12-120 VAC, 50/60 Hz
Motor Load Ratings NC Ranges	1/4 HP, 120 VAC, 50/60 Hz; 1/2 HP, 240 VAC, 50/60 Hz
Motor Load Ratings NO Ranges	1 HP, 120 VAC, 50/60 Hz; 2 HP, 240 VAC, 50/60 Hz

Electrical Specifications

Voltage Selection Type	Auto-Voltage
Wiring Option	Terminals
Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Number of Circuits	16
Switch Type	16xSPDT; 8xDPDT
Maximum Power Consumption (W)	50 W
Electronic Series	ET90000 Series
Hz	50/60

Packaging

Shipping Weight (lbs)	21.355

Unit Carton Dimensions (H x W x L) in	9 x 17.25 x 22.625 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