

Electronic Timer Control - Astronomic 7-Day 4-Circuit Electronic Control, 120-277 VAC, 4-SPST, Outdoor Metal Enclosure

Item ET8415CR



PRODUCT DESCRIPTION

The ET8415CR 4-circuit 7-day Astronomic time switch features independent 7-day programming to provide flexibility for applications where load switching differs each day of the week. This time switch provides to-the-minute programming, 28 ON/28 OFF (56 events) which can be applied to any combination of circuits and days, 100-hour Supercap backup for power loss, and automatic daylight saving time corrections without the need of user interaction. This time switch is housed in a lockable type 3R enclosure to protect from vandalism and unauthorized tampering.

FEATURES

- ▶ Auto-voltage operation from 120-277 VAC
- ▶ Up to 56 fixed events and 8 Astronomic events that can be combined
- ▶ Allows independent dusk/dawn settings for each circuit
- ▶ Temporary override or permanent manual override
- ▶ Automatic Daylight Saving Time adjustment
- ▶ Configurable outputs allow the control of various voltages and applications
- ▶ 100-hour supercapacitor eliminates the need for batteries

APPLICATIONS

- ▶ Outdoor Lighting Control
- ▶ Timing/Scheduling ON/OFF
- ▶ Machinery & Pump Controls

TECHNICAL DATA

General

Model Number	ET8415CR
Description	Astronomic 7-Day 4-Circuit Electronic Control, 120-277 VAC, 4-SPST, Outdoor Metal Enclosure
UPC Code	078275125544
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-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	56
Setpoint Program Count	56
ON/OFF Operations	56
Operation Features	Astronomic
Operation Mode	7-day
Daylight Savings Adjustment	Automatic
Backup Type	Supercapacitor
Battery Service Type	Field Serviceable

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

Load Ratings

Magnetic Ballast Range(s)	20 A, 120-277 VAC
Tungsten Range(s)	5 A, 120-240 VAC
Resistive Load Ratings Ranges	20 A, 28 VDC; 30 A, 120/240 VAC
Inductive Load Ratings Ranges	30 A, 120/240 VAC
Motor Load Ratings 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, 50/60 Hz
Number of Circuits	4
Switch Type	4xSPST; 2xDPST
Maximum Power Consumption (W)	7 W
Electronic Series	ET8000 Series

Packaging

Shipping Weight (lbs)	3.762
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)
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Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20
California Proposition 65	Lead

DRAWINGS AND DIAGRAMS

The wiring diagram is left to right in the direction of the relay's operation. The relay is shown in its rest position. The relay is shown in its rest position. The relay is shown in its rest position.

Relay	SP1	SP2	SP3
1	SP1	SP2	SP3
2	SP1	SP2	SP3
3	SP1	SP2	SP3

