

Electronic Timer Control - 24-Hour 1 Circuit Electronic Control, 120-277 VAC, 60 Hz, SPST, Indoor/Outdoor Plastic Enclosure

Item EP100C



PRODUCT DESCRIPTION

This time switch offers an easy way to upgrade from a basic mechanical time switch to an electronic time switch. This timer will allow for up-to-the-minute programming, battery backup for power loss, up to 28 events total, and automatic daylight saving time corrections without the need for user interaction. This time switch is a standard 24-hour version in a plastic type 3R enclosure.

FEATURES

- ▶ Selector switch to determine input voltage between 120-277 VAC, 50/60 Hz
- ▶ Up to 28 events total
- ▶ To-the-minute accuracy
- ▶ Temporary override or permanent manual override
- ▶ Automatic Daylight Saving Time adjustment
- ▶ Astronomic models enable dusk-to-dawn scheduling

TECHNICAL DATA

General

Model Number	EP100C
Description	24-Hour 1 Circuit Electronic Control, 120-277 VAC, 60 Hz, SPST, Indoor/Outdoor Plastic Enclosure
UPC Code	078275143654
Brand	Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited

Control Specifications

Minimum ON/OFF Times	1 min
Maximum ON/OFF Times	Indefinite
Maximum ON/OFF Operations	14
Setpoint Program Count	14
ON/OFF Operations	14
Operation Mode	24 hour
Daylight Savings Adjustment	Automatic
Backup Type	Battery
Battery Type	AAA
Battery Service Type	Field Serviceable

Mechanical Specifications

Enclosure Type	Outdoor type 3R plastic
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Dimensions

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

Inductive (NO)	30 A, 120-240 VAC, 60 Hz
Magnetic Ballast Range(s)	20 A, 120-277 VAC, 60 Hz
Tungsten Range(s)	5 A, 120/240 VAC, 60 Hz
Electronic Ballast	1 A, 120-277 VAC, 60 Hz
Electronic Ballast Load Ratings Ranges	1 A, 120-277 VAC, 60 Hz
Inductive	30 A, 120 VAC, 60 Hz; 30 A, 240 VAC, 60 Hz
Magnetic Ballast (NO) Range(s)	20 A, 120-277 VAC, 60 Hz
Resistive (NO) Range(s)	20 A, 28 VDC; 30 A, 120/240 VAC, 60 Hz
Inductive Load Ratings NO Ranges	30 A, 120/240 VAC, 60 Hz
Resistive Load Ratings Ranges	20 A, 28 VDC; 30 A, 120/240 VAC, 60 Hz
Inductive Load Ratings Ranges	30 A, 120/240 VAC, 60 Hz
Tungsten (NO) Range(s)	5 A, 120/240 VAC, 60 Hz
Motor Load Ratings Ranges	1 HP, 120 VAC, 60 Hz; 2 HP, 240 VAC, 60 Hz
Motor Load Ratings NO Ranges	1 HP, 120 VAC, 60 Hz; 2 HP, 240 VAC, 60 Hz

Electrical Specifications

Voltage Selection Type	Selector Switch
Wiring Option	Terminals
Input Voltage Range(s)	120-277 VAC, 60 Hz
Number of Circuits	1
Switch Type	SPST
Maximum Power Consumption (W)	6 W

Packaging

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

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

CSA Certification	cCSAus
Other Certifications and Compatibilities	CA Title 20
California Proposition 65	Lead