INTERMATIC®

Electronic Timer Control - 24-Hour/365 Day 2-Circuit Electronic Control, 120-277 VAC, 2-SPST/DPST, Indoor Metal Enclosure

Item ET2125C

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. They come in standard 24-hour versions.

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

► Indoor Lighting Control
► Timing/Scheduling ON/OFF
► Machinery & Pump Controls

TECHNICAL DATA

General	
Model Number	ET2125C
Description	24-Hour/365 Day 2-Circuit Electronic Control, 120-277 VAC, 2-SPST/DPST, Indoor Metal Enclosure
UPC Code	078275148017
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	Holiday
Operation Mode	24 hour
Daylight Savings Adjustment	Automatic
Backup Restoration Time	30 Minutes

Backup Type	Supercapacitor	
Backup Protection Time	100 Hour	
Application Compatibilities	LED	2/3

Mechanical Specifications

Enclosure Type	Indoor type 1 metal

Dimensions

Product Dimensions (H x W x D) in	7.875 x 5.125 x 3.437 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"

Material Specifications

Color	Gray

Communication Method

Has WiFi	No

Load Ratings

Electronic Ballast LED	10 A
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	2
Switch Type	2xSPST, 1xDPST or Pulse
Maximum Power Consumption (W)	5 W
Electronic Series	ET2000 Series

Packaging

Shipping Weight (lbs)	2.75
Unit Carton Dimensions (H x W x L) in	8 x 3.15 x 5.236 in

Environmental Specifications

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

Standards and Certifications

Technical specifications and other information are subject to change without notice. Images can vary from original.

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UL Certification	cULus
Other Certifications and Compatibilities	LED; Title 20; Green Energy +
California Proposition 65	Lead
RoHS Certification	X

UL Certification	cULus
Other Certifications and Compatibilities	LED; Title 20; Green Energy +

ET Basic+ Series

365/24-Hour and 365/7-Day Electronic Controls

Convenient Scheduling, Seamless Integration

Simplify lighting and load schedules, reduce maintenance issues and boost energy efficiency with ET Basic+ Series Electronic Controls. The upgraded controls bring convenience and versatility to a wide range of indoor and outdoor applications and include enhanced features, such as a USB port for schedule backups or transfers. The series includes 24-hour, 7-day or 7-day Astronomic programming options.

ET Basic + Advantages

- **LED Compatibility** – Built to last, the ET Basic+ series includes zero-cross technology and a 10 A electronic ballast rating per circuit that supports LED lighting installations.

- **Enhanced Design** – Designed and manufactured in our state-of-the-art North American facility to ensure to highest performance and durability standards.

- **Holiday Scheduling** – Up to 50 Holiday or exception blocks can be used to increase energy savings or allow for unique scheduling periods.

- **Override Capability** – A built-in two-hour override allows users to quickly alter current schedules and accommodate unexpected occupant needs.

- **Comprehensive Programs** – ET Basic+ controls allow operators to set up to 48 ON/OFF events over a 7-day or 24-hour period, enough to meet even the most robust scheduling needs.

- **Automatic Voltage Detection** - Simplifies installation, no selector switch or jumpers needed for configuration.

- **Extended Warranty** – All ET Basic+ Series controls include a two-year limited warranty for added peace of mind.

Scan to Learn More

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ET Basic Series

24-Hour/7-Day Electronic Controls

Simple Scheduling for Everyday Applications

Bring basic time scheduling to a variety indoor and outdoor applications with ET Basic Series Electronic Controls. The series offers 24-hour, 7-day or 7-day Astronomic programming options.

- **Multiple Schedule Formats** – 24-Hour and 7-day controls offered in 1-circuit and 2-circuit versions; 7-day astronomic controls offered in 1-circuit, 2-circuit and 4-circuit versions.

- **Basic Programming Options** – ET Basic controls allow operators to set up to 14 ON/OFF events over a 7-day or 24-hour period, typically enough to meet basic scheduling needs.

Scan to Learn More

Electronic controls for every need.

	ET Basic Series (ET1100, ET1700 and ET8000 Series)	ET Basic+ Series (ET2000 Series)
7-Day, 24-Hour and Astronomic Models	✓	✓
Holiday Scheduling		✓
Up to 48 ON/OFF Events		✓
Battery Backup	✓	
Supercapacitor Eliminates Need for Batteries		✓
LED Compatibility		✓
USB Port for Schedule backup or transfer		✓
Automatic Voltage Detection		✓
Extended Warranty		✓
Indoor/Outdoor Plastic Enclosures		✓
Type 3R Outdoor Metal Enclosures	*	✓

*ET8415CR is in a Type 3R Outdoor Metal Enclosure

Contact your Intermatic sales representative today for more information on the ET Basic+ and ET Basic Series Electronic Controls.
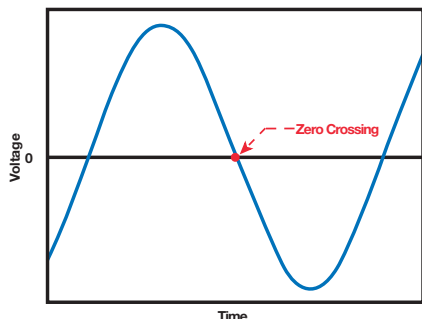
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INTERMATIC®

Zero-Crossing Technology Drives Long-Lasting Intermatic Solutions

Ensure your next lighting installation is designed to last for the long haul with reliable lighting controls from Intermatic. Select Intermatic timers, photocontrols and occupancy sensors include innovative zero-crossing technology, which helps minimize the damaging effects of high inrush current events.

What is Zero Crossing?

Zero Crossing refers to the relay switching technology found in a variety of high-performance Intermatic controls. These models are designed to trigger load switching when AC voltage passes the zero mark rather than when operating current is near its peak.

Without this built-in technology, lighting controls can face severe high inrush transients that are up to 100 times the recommended operating level. Over time, this can damage or even completely destroy controls.

Key to Preventing Damage

Zero-crossing technology helps lighting controls match the long lifespan of new LED lighting systems. By taking a proactive approach and confirming lighting controls are compatible with LED bulbs, you can avoid maintenance issues and unexpected replacement costs down the road.

Finding the Right Match

Intermatic has a strong lineup of LED-rated controls that are UL-certified and designed to fit a wide range of applications. From outdoor billboards and parking lot lights to indoor offices and hydroponic applications, our zero-crossing solutions have you covered.

MEET OUR TEAM OF ZERO-CROSSING SOLUTIONS

ET2000 Series Basic+ Electronic Time Switches:

The ET2000 Series offers an easy-to-use interface and detailed scheduling options to match nearly any application. With up to 96 ON/OFF events and 50 holiday blocks, it's a robust digital control that fits seamlessly into existing Intermatic enclosures. The unit's 100-hour capacitor also helps safeguard against power outages.

NightFox™ Pro Series:

Balancing efficiency, durability and functionality, NightFox Pro Series provides municipalities, utilities and co-ops a new level of customization with photocontrols. Tested at full load to 5 k, 10 k, and 15 k ON/OFF cycles with NEMA 410 inrush load abilities, they help meet a wide variety of application needs and budgets without sacrificing quality. They're a top-level photocontrol solution that's tested and warrantied to match the life expectancy of LED fixtures.

NightFox™ Series:

Similar to the NightFox Pro Series, standard NightFox Series photocontrols are designed to match the long life of LED and induction lighting fixtures. They come with a 10- to 20-year service life expectancy and include solid-state light sensors and relays that feature zero-crossing technology for more precise control. Locking type models in two voltage ranges, 120-277 V or 347-480 V, which makes it easy to accommodate any power supply configuration.

talento smart™ Time Switch:

The new talento smart product family was developed with electricians at its core. Its compact DIN rail design streamlines the installation process while Bluetooth® connectivity and the intuitive talento smart mobile app makes it easy to save time programming the device. Zero-crossing technology, 365-day scheduling and automatic Astronomic dusk-to-dawn functionality, it's the perfect digital time switch to manage energy costs in both commercial and residential settings.

Commercial Grade Occupancy Sensors

Intermatic Commercial Grade Occupancy Sensors help installers save on energy costs while adding a level of convenience and security to all types of facilities. Choose from both in-wall and ceiling mount styles, as well as PIR or Dual Technology solutions, to match your project's needs. Our Occupancy Sensors are compatible with incandescent, fluorescent, CFL and LED fixtures, and include zero-crossing technology to maximize the lifespan and performance of fixtures.

- In-Wall Mount Models: IOS-DSR/DOV/DDR, IOS-DOV-DT-WH
- Ceiling Mount Models: IOS-CMP-DT-U, IOS-HB-U, IOS-CMP-U

Contact your Intermatic sales representative today to learn more about our full catalog of zero-crossing solutions.