INTERMATIC®

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365-Day Astronomic Time Switch

ET90000 Series

Intermatic's Most Versatile Time Switch

Flexible program options and low-voltage inputs help customize the schedule to meet the requirements of almost any application

The ET90000 Series 365-Day Astronomic Time Switches feature independent, 365-day programming that meet the demanding needs of any facility schedule. These state-of-the art time switches provide reliable performance with to-the-minute accuracy that reduces energy costs. Superior memory accommodates up to 4,000 set points or events, plus holiday and exception programming. Easy-to-use control buttons permit independent manual control of each circuit regardless of the operating mode.

The intuitive time switches automatically detect and adjust voltage between 120 and 277 VAC, and operate at 50 or 60 Hz, which eliminates the need for manual voltage adjustments during installation. Exceptional versatility enables circuits to be added after installation. Automatic Daylight Saving Time feature can adjust the clock and the programmed schedule throughout the year. All models are equipped with a powerful 100-hour supercapacitor that maintains dates and times during a power outage and then automatically recharges in less than 30 minutes after power is restored. Software updating is made easy with the USB connection and Ethernet capabilities that enable in-field firmware upgrades to be installed remotely from one central location. These powerful time switches can be used with external devices such as wall switches and occupancy/vacancy sensors to manually turn ON and time OFF.

All models are securely housed in a lockable enclosure to protect against unauthorized entry, thus keeping the invaluable time switches under your control.

Features:

- 365-Day astronomic scheduling for seasonal, holiday, or other irregular schedules

- Automatic input voltage selection from 120 to 277 VAC, 50 or 60 Hz

- Up to 4,000 events plus holiday schedules

- 30 Amp rated outputs

- 100+ hour supercapacitor maintains date and time in case of power outage

- Non-volatile memory protects programming indefinitely

- USB connection for easy program transfer, schedule backup, and firmware updates

- Ethernet capable for networking of time switches to other time switches and PC tools

- Easy to follow on-screen menus for simple programming with to-the-minute accuracy

- Firmware upgradeable in-field via USB or Ethernet

- CAN connection supports up to 32 additional circuits or inputs externally

- Serial connection supports up to 8 additional inputs externally

4, 8, 12, and 16 Circuit Time Switches

Model	Circuits	Enclosure	Ethernet
ET90415CR	4	Type 3R Steel	Included
ET90815CR	8	Type 3R Steel	Included
ET91215CR	12	Type 3R Steel	Included
ET91615CR	16	Type 3R Steel	Included

1 and 2 Circuit Time Switches

Model	Circuits	Enclosure	Ethernet
ET90115C	1	Type 1 Steel	Optional
ET90115CE	1	Type 1 Steel	Included
ET90115CR	1	Type 3R Steel	Optional
ET90115CRE	1	Type 3R Steel	Included
ET90215C	2	Type 1 Steel	Optional
ET90215CE	2	Type 1 Steel	Included
ET90215CR	2	Type 3R Steel	Optional
ET90215CRE	2	Type 3R Steel	Included

Ideal For

- Schools • Property Management • Hotels
- Apartment Complexes • Dormitories • Airports
- HVAC/R • Security Systems • Universities
- Banks and ATMs • Restaurants • Offices • Factories
- Convenience Stores • Parking Garages
- Gas Stations • Agricultural Facilities
- Hospitals • Shopping Plazas

Specifications:

Switch Configuration:	SPDT
Wire Size:	6 to 20 AWG
Minimum On/Off Time:	1 second
Maximum On/Off Time:	Permanent
Operating Temperature:	-40°F to 120°F -40°C to 50°C

Ratings			
Normally Open Contact	**Normally Closed Contact**	**Load Type**	**Voltage**
30 Amp	--	Resistive	12-240 VAC
20 Amp	10 Amp	Resistive	12-240 VAC
20 Amp	10 Amp	Resistive	28 VDC
20 Amp	3 Amp	Ballast	120-277 VAC
5 Amp	--	Tungsten	12-240 VAC
470 VA	275 VA	Pilot Duty	12-240 VAC
1 HP	¼ HP	Motor	120 VAC
2 HP	½ HP	Motor	240 VAC

For our complete line of electronic time switches and energy control products visit www.intermatic.com