



<http://waterheatertimer.org/Intermatic-ET-series-timers-and-manuals.html#ET90000>

365-Day Astronomic Time Switch

Features:

- 365-day astronomic timing
- Automatic input voltage selection from 120 to 277 VAC, 50/60 Hz
- Over 4,000 events plus holiday schedules
- 30 Amp rated contacts
- 100+ hour supercapacitor maintains date and time in case of power outage
- USB connection for uploading, downloading and transferring of programs
- Ethernet capable for networking of controls to other controls and PC tools
- Easy to follow on-screen menus for programming to-the-minute accuracy
- Non-volatile memory protects programming indefinitely
- Firmware upgradable in-field via USB or Ethernet
- CAN connection supports up to 32 additional circuits or inputs externally
- Available in 1, 2, 4, 8, 12, and 16 circuits
- Internally expandable in 4-circuit increments up to 16 circuits



Ideal for:

Schools, Apartments, Offices, Retail Stores, Security Systems, Parking Lot Lighting, and Airports



Normally Open Contact	Normally Closed Contact	Load Type	Voltage	Frequency
30 Amp	--	Resistive & Gen. Purpose	12-240 VAC	50/60Hz
20 Amp	10 Amp	Resistive & Gen. Purpose	12-240 VAC	50/60Hz
20 Amp	10 Amp	Resistive & Gen. Purpose	28 VDC	50/60Hz
20 Amp	3 Amp	Ballast	120-277 VAC	50/60Hz
5 Amp	--	Tungsten	12-240 VAC	50/60Hz
470 VA	275 VA	Pilot Duty	12-240 VAC	50/60Hz
1HP	1/4HP	Motor	120 VAC	50/60Hz
2HP	1/2HP	Motor	240 VAC	50/60Hz

Small Case Enclosures	ET90115C	ET90115CR	ET90115CE	ET90115CRE	ET90215C	ET90215CR	ET90215CE	ET90215CRE
Number of Circuits	1	1	1	1	2	2	2	2
Raintight Enclosure		✓		✓		✓		✓
Astronomic Timing	✓	✓	✓	✓	✓	✓	✓	✓
Automatic Daylight Saving Time	✓	✓	✓	✓	✓	✓	✓	✓
Modifiable Daylight Saving Time	✓	✓	✓	✓	✓	✓	✓	✓
Automatic Input Voltage Selection	✓	✓	✓	✓	✓	✓	✓	✓
Firmware Upgradable In-Field	✓	✓	✓	✓	✓	✓	✓	✓
On-Screen Menu-Based Display	✓	✓	✓	✓	✓	✓	✓	✓
Supercapacitor Date and Time Backup	✓	✓	✓	✓	✓	✓	✓	✓
External Serial Inputs	✓	✓	✓	✓	✓	✓	✓	✓
External CAN Device Support	✓	✓	✓	✓	✓	✓	✓	✓
USB Support for Easy Programming	✓	✓	✓	✓	✓	✓	✓	✓
USB Support for Firmware Updates	✓	✓	✓	✓	✓	✓	✓	✓
Ethernet Support for Status and Control			✓	✓			✓	✓
Ethernet Support for Easy Programming			✓	✓			✓	✓
Ethernet Support for Firmware Updates			✓	✓			✓	✓

Large Case Enclosures	ET90415CR	ET90815CR	ET91215CR	ET91615CR
Number of Circuits	4	8	12	16
Raintight Enclosure	✓	✓	✓	✓
Astronomic Timing	✓	✓	✓	✓
Automatic Daylight Saving Time	✓	✓	✓	✓
Modifiable Daylight Saving Time	✓	✓	✓	✓
Automatic Input Voltage Selection	✓	✓	✓	✓
Firmware Upgradable In-Field	✓	✓	✓	✓
On-Screen Menu-Based Display	✓	✓	✓	✓
Supercapacitor Date and Time Backup	✓	✓	✓	✓
External Serial Inputs	✓	✓	✓	✓
External CAN Device Support	✓	✓	✓	✓
USB Support for Easy Programming	✓	✓	✓	✓
USB Support for Firmware Updates	✓	✓	✓	✓
Ethernet Support for Status and Control	✓	✓	✓	✓
Ethernet Support for Easy Programming	✓	✓	✓	✓
Ethernet Support for Firmware Updates	✓	✓	✓	✓