

## ET90000 Series

Advanced 365-Day Astronomic Time Switches



The ET90000 Series combines powerful and intuitive scheduling with truly maintenance-free convenience. The PC App and Android Mobile App provide real-time remote control. The USB connection and Ethernet capabilities enable in-field updates.

### FEATURES

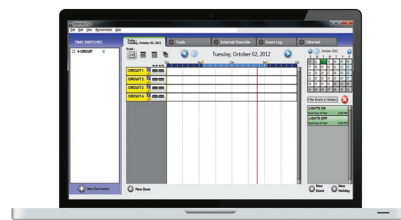
- Automatic input voltage selection from 120 to 277 VAC, 50/60 Hz
- Over 2,000 events plus holiday schedules
- Advanced scheduling including relative dating, such as fourth Thursday of November or first week of year
- 30 A rated contacts
- 100-hour supercapacitor eliminates the need for batteries
- USB connection for uploading, downloading and transferring programs
- 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
- Internally expandable, in 4-circuit increments, up to 16-circuits for 4, 8, and 12-circuit models
- PC App for easy scheduling or control, either remotely or through USB flash drive
- Android Mobile app for real time status and overrides

### APPLICATIONS

- School districts • Banks • Small hotels • Franchises
- Retail stores • Municipalities • Parking lots • Offices

### ACCESSORIES

Door Assembly	ET9100
Ethernet Module	ET9232
Relay Module	ET9250



ET90000 PC App



ET90000 Mobile App

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	✓	✓	✓	✓

Load Type	NO (Normally Open)	NC (Normally Closed)	Voltage
General Purpose & Resistive	30 A	—	12-240 VAC
General Purpose & Resistive	20 A	10 A	12-240 VAC
Resistive	20 A	10 A	28 VDC
Magnetic Ballast	20 A	3 A	120-277 VAC
Tungsten	5 A	—	12-120 VAC
Pilot Duty	470 VA	275 VA	120-240 VAC
Motor	1 HP	¼ HP	120 VAC
Motor	2 HP	½ HP	240 VAC

Ratings	
Cycle	50/60 Hz
Wiring Terminals	#20 to #6 AWG wire
MIN ON/OFF Times	1 second
MAX ON/OFF Times	365 days
Operating Temperature	-40° F to 104° F (-40° C to 40° C)
Warranty	3-year limited

### Selection Guide

Scan the QR code with your smartphone or tablet for a side-by-side comparison of our electronic control features.

