

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

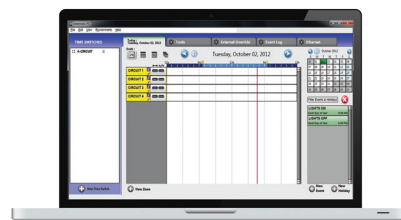
- Automatic input voltage selection from 120 to 277 VAC, 50/60 Hz
- Over 2,000 events plus holiday schedules
- Advanced scheduling including relative dating, such as fourth Thursday of November or first week of year
- 30 A rated contacts
- 100-hour supercapacitor eliminates the need for batteries
- USB 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.

