SMARTLOGGERS™
ON/OFF TIME-OF-USE INSTRUMENTS
MEASURE TOTAL-ON TIME AND ON/OFF TRANSITIONS OF ALMOST ANY DEVICE

FEATURES

- Instantly see what your logger has recorded. All SMARTloggers™ come with a 5-digit LCD showing On-Time (in hours) and Percent On.
- With a storage capacity of over 32,000 records, SMARTloggers™ can record unattended for months or years.
- Simple mounting using power rare earth magnets, Velcro®, or screw hole easily secures the instruments out of sight.
- Interfaces with SMARTware™ Windows® software package for easy data retrieval and simple, sophisticated data analysis.
- Compact and rugged, the SMARTloggers™ are designed for provide many years of service in a variety of operating conditions.
- Five-year battery life.
- Three-year warranty.

APPLICATIONS

- Lights
- Motors
- Water Heaters
- Gas Valves
- Switches & Relays
- Virtually any electric load
SMARTLOGGER™ SPECIFICATIONS

GENERAL

LOGGER TYPES
LIGHTING: Internal Photo Sensor
MAG: Internal Magnetic Field Sensor
CT: External Current Transformer
CONTACT: External Switch or Relay

DISPLAY
5 Digit LCD showing Total On-Time, Percent On, On/Off Annunciator

TIME STAMPS
Month, Day, Year, and Hour, Minute, Second

TIME STAMP RESOLUTION
1 Second

MINIMUM EVENT ON/OFF CAPTURE
0.5 Hz (2 seconds)

DATA ANALYSIS
Statistics, summaries, graphs, and data export using SMARTware™ software

MEMORY
32,576 records. Ring memory plus separate On-Time Totalizer

SENSITIVITY
LIGHTING logger: Adjustable
MAG logger: 40 mGauss minimum
CT logger: 0.25 amp minimum
CONTACT logger: Dry Contacts

COMMUNICATION
USB with SMARTlogger Communications Cable

MECHANICAL

OPERATING TEMPERATURE
0° to 60°C (32° to 140°F)

OPERATING HUMIDITY
5% to 95% non-condensing

BATTERY LIFE
5 years

INTERNAL CLOCK
Real-time, crystal controlled, true calendar, 20 ppm accuracy (<1 minute/month)

WEIGHT
40 gm (1.5 oz)

DIMENSIONS
6.3 x 3.8 x 1.9 cm (2.5” x 1.5” x 0.75”) (2.5” x 1.5” x 0.75”)

MOUNTING
Rare earth magnets, Velcro®, or mounting hole

WARRANTY
Three Years

SMARTWARE: EASY DATA ANALYSIS

- All SMARTloggers use SMARTware Windows-based software that makes it easy to analyze and visually present recorded data.
- Monitor usage trends with the click of a mouse.
- Pre-programmed graphs and analysis functions make understanding your data simple.
- Easily export usage data into other popular spreadsheet and database programs.
- Extremely flexible to accommodate a wide range of measurement needs.

NEED ANSWERS TO ENERGY QUESTIONS?
The SMARTlogger TOU series of instruments are designed to monitor the On/Off status, Time-of-Use operating schedule, and Total On-Time for energy consuming devices and systems. Models are available for lighting systems, motors, relays and switches, and virtually any electric load. The non-contact monitoring makes installation simple. Each of these small, robust instruments provide power data for superior energy management.

FOUR MODELS AVAILABLE:

CTlogger
External Current Transformer

LIGHTINGlogger
Internal Photo Sensor

MAGlogger
Internal Magnetic Sensor

CONTACT logger
External Switch or Relay

DISTRIBUTOR: PLACE CONTACT INFO HERE

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