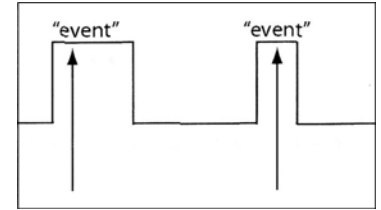


Time →
Records time and duration of state changes



Time →
Records time of event (one direction) but not duration

HOBO® U11 3-State plus 1-Event Logger

The U11- 001 HOBO State logger lets you simultaneously monitor and log state changes in up to three locations plus one time/date stamped event. The three state and one event channels monitor contact closures or openings driven by external sensors mounted on motors, doors, or other cycling equipment. Contact closures/openings are time and date stamped and easy-to-use HOBOWare (Windows) software provides statistical data such as total % time closed, total % time open, and total number of events. The event channel can be used with tipping-bucket rain gauges and a weather - proof case to monitor total rainfall, or with other sensors to record when momentary events occur.

Features:

- 3 channels of state changes and 1 channel of event let you monitor up to 4 locations simultaneously
- Large memory for long-term monitoring
- Accepts state changes/events from standard contacts/relays

Specifications:

State Channels (3) External contact input:
Passive relay switch or contact closure - minimum duration 1 second (open or closed)

Event Channel (1) External contact input:
Passive relay switch or contact closure - minimum duration 1 second

Operating Range: -20° to +70°C (0 to 95%RH)

Capacity: 64K Memory; 26K to 43K time-stamped state changes/events (typical)

Maximum total cable run: 32m; or 64m if using only state channels

Time accuracy approx. ±1 min/month at 25°C

Battery level indication at launch

Optional logging of battery voltage

User replaceable CR2032 battery (typical 1 year life)

Non-volatile EEprom retains data if battery fails

Size: 58 x 74 x 22 mm Weight: 50g

AC Current Switch

The CSV-A8 AC Current Switch (available separately) can be installed around a current carrying cable and provides an output indicating equipment on/off, suitable for a state logger. An adjustable threshold provides maximum application flexibility.

Amperage range: 1.25 to 50 Amps (continuous)

Sensor supply voltage: Induced from monitored cable (no external power required)

Isolation: 600 VAC (max voltage when monitoring an uninsulated conductor)

Temperature range: -15°C to +60°C

Status output ratings: N/O 1.0A at 30 VAC/DC

Order Information

HOBO U11 3 State/1 Event

Logger (includes 4 input cables)

AC Current Switch

Spare Voltage Input Cable

HOBOWare PRO Software

for Windows/MAC

HOBOWare LITE Software

for Windows/MAC

Part No

U11-001

CSV-A8

CABLE-2.5-STEREO

BHW-PRO-CD

BHW-LITE-CD



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