

Features

- Adjustable current threshold
- Built-in relay for easy/safe deployment
- Status LED's for visual ON/OFF indication
- Self-powered, no external power required
- Small size fits small enclosures
- Screw terminal connection
- Split-core for easy installation

Applications

- Monitor ON/OFF status of electrical loads
- Detect usage in motors, pumps, fans and compressors
- Verify run times for lighting, electric service, A/C, furnace
- Industrial process equipment status
- Detect short-cycling
- Switch and relay ON/OFF status
- Duty cycle monitoring in freezer and refrigeration

The current relay switches operate with the following State Recorders : State101, State110, QuadState and OctState. They feature screw terminals to easily wire to the State logger screw terminal inputs. All are split-core for easy installation, except the CT-800, which is a solid-core model. Mounting bracket and screws are also included with the CT-H600 and CT-H608 models.

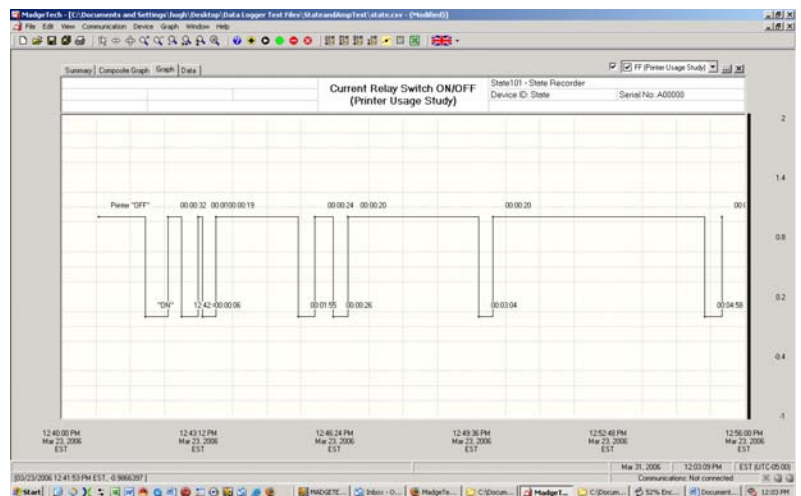
Used in a variety of applications, the split-core current switches are employed to detect the presence of AC current when equipment is drawing power. When power is present it activates a built-in relay switch to provide an analog, "ON" status signal. When power is not present, the relay switch deactivates to provide an "OFF" status signal. These self-powered switches make installation easy and safe. Some models have adjustable threshold set points, to activate the relay when it reaches a certain amperage level.



When used with the family of State Recorders*, the status change data- "ON/ OFF" can be recorded with a time and date stamp to provide equipment usage information. This data is essential to determine the duration of a particular event or to calculate the cost of power. They enable the assessment of equipment and lights, servicing or repairs, in the detection of defective equipment, short-cycling.

*[State101](#), [State110](#), [QuadState](#) and [OctState](#)

Software Graph State Logger paired with the Current Relay Switch indicates the ON/ OFF Status.



SPECIFICATIONS AND ORDERING INFORMATION

Model	Range	Setpoint	Status LED	Output	Dimensions	Opening Size
CT-H600	0.15 – 200A	Fixed, 0.15A	NO	N.O.*	2.34" x 2" x .92"	.52" x .68"
CT-H608	1.25 – 50A	Adjustable from 1.25A	YES	N.O.*	2.34" x 2.15" x .92"	.52" x .68"
CT-800	1 – 250A	Fixed, 1A (Solid-core)	NO	N.O.*	2.5" x 2.2" x 0.93"	0.75" diameter
CT-805	1.5 to 250A	Fixed, 1.5A	NO	N.O.*	2.6" x 2.25" x 1.15"	0.85" x 0.85"
CT-815	1.5 to 250A	Adjustable from 1.5A	YES	N.O.*	2.4" x 2.25" x 1.19"	0.85" x 0.85"

*N.O.—Normally Open