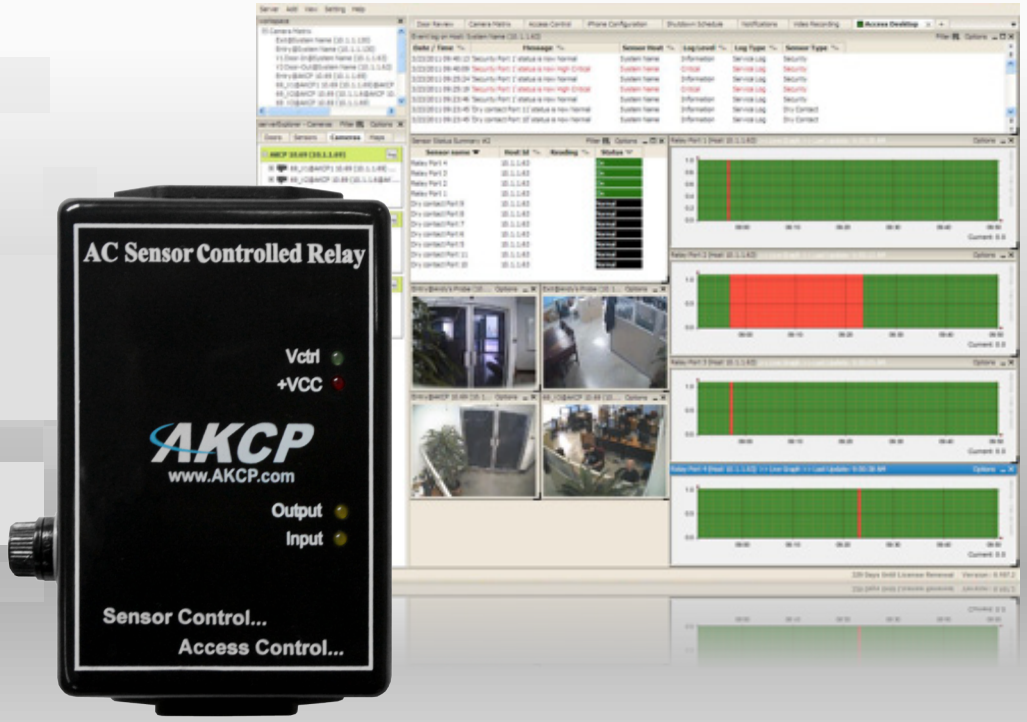
AC Sensor Controlled Relay - PRB00-ACX



AC Sensor Controlled Relay

The AC-Sensor Controlled Relay controls the electrical power to devices over the Internet. With easy configuration & integration with sensorProbe product series, It defines a new era in energy management.

The AC-Sensor Controlled Relay provides 1 high power SPST 5V relay. It includes Metal Oxide Varistors (MOVs) and Snubber circuits to protect the open contact of the relays from the high voltage spikes or noise transients.

It monitors the power & load and accepts a control signal which is sent from the sensorProbe.

AC Sensor Controlled Relay's Main Features

- **Metal Oxide Varistors (MOVs) and snubber circuit protect the open contacts of the relays from high voltage spike.**
- **Power cords supplied support maximum 6A**
- **IEC connector rating is 10 Amps for 220VAC and 10 Amps for 110VAC**
- **4 LEDs indicate the status of the Relay, Power Supply, AC Line Voltage and AC Load Voltage.**
- **Up to two Power Relay Boards per sensorProbe2, up to 8 per sensorProbe8 and securityProbe series.**
- **Full auto sense including disconnect alarm.**
- **The sensor can be extended to your desired cable length using one of our CAT5 extension cables, CABXX, or you can provide your own cable of any length up to 100 feet.**

Technical Specifications

Maximum Input Voltage : 110 - 220 VAC

Maximum Output Voltage : 110 - 220 VAC

Contact Rating : 10 Amps for 220VAC and 10 Amps for 110VAC

Carry Current : 10 Amps

Max Operating Voltage : 380 VAC, 125 VDC

Max Operating Current : 10 Amps

Max Switching Capacity : 4000 VA, 480W with Resistive Load 2000 VA, 240W with Inductive Load (P.F=0.4)

Min Permissible Load : 100mA 5 VDC

Power Consumption : Typical 471.00 mWatt, 94.20mA

PCB Copper Track Rating : 10 Amps

10 Amps Fuse : 380 VAC

Dimensions : 115(w) x 80(H) x 40(D) mm

Operating Temperature : -40 C to 85 C

Weight : 250 gms