

WE SENSE DISASTER...  
AND NOW YOU ARE IN CONTROL...

## Power Relay Board

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

The Power Relay Board provides 1 high-power SPDT 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.

## Specifications

Input Voltage	110 - 220 VAC
Output Voltage	110 - 220 VAC
Relay	
- Contact Rating	15A @ 220 VAC with Resistive Load 8 A @ 220 VAC with Inductive Load (P.F=0.4 L/R 7 mS
- Contact Material	AgCdO
- Carry Current	16A
- Max Operating Voltage	380 VAC ,125 VDC
- Max Operating Current	16A
Max Switching Capacity	4000 VA, 480W with Resistive Load 2000 VA, 240W with Inductive Load(P.F=0.4)
Min Permissible Load	100mA 5VDC
Power Consumption	5V @ 200mA
Circuite Breaker	16 A
15Amp Fuse	380 VAC, 125 VDC
Dimensions	65(w) x 62(H) x 15(D) mm
Operating Temperature	-40° C to 85° C
Storage Temperature	-40° C to 85° C
Weight	250 gms

## Features

- Relay contacts rated at 15A/220VAC
- Operates from a single +5 V DC Power Supply powered by the sensorProbe
- Metal Oxide Varistors (MOVs) and snubber circuit protect the open contacts of the relays from high voltage spike
- 4 LEDs indicate the status of the Relay, Power Supply, AC Line Voltage and AC Load Voltage
- Full auto sense including disconnect alarm

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