

POSISTOR® is one of lead type PTC Thermistor that is able to support overcurrent or inrush current issue on the power supply circuit.

It is able to integrated circuit for protection from inrush current suppression with POSISTOR® and relay or semiconductor switch as thyristor.

### ■ Features

1. Protection against overcurrent situations
2. Automatic reset from protective trip mode
3. Space-saving
4. Various characteristics to meet a suitable resistance value

### ■ Applications

POSISTOR® is an integrated solution to work as both current limit resistor and overcurrent fuse. It works as a stable resistor in normal operation and protects itself against overcurrent situation.

It can be replaced from normal resistor or the resistor with temperature fuses solution as Fig.1.

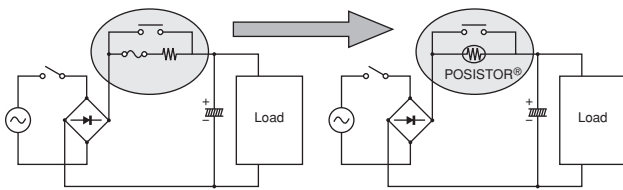


Fig.1

POSISTOR® works as normal resistor in normal condition, and it works as protector against over current situation on the circuit.

1. High-power switching power supply (LCD TV)
2. The power supply for inverter on outside unit for Air-conditioner
3. The power supply for inverter type fluorescent lamp
4. Other SW type power supply