

# UTILITI CONTROLS

## Snap Disc Thermostats & Overload Protectors

### An Overview

Consistently performing and providing quality bimetal products, Utiliti Controls is a leading manufacturer and exporter of Snap Disc Thermostats, Thermal Overload Protectors, and other various products. We are also in the process of developing the next generation temperature sensors. To ensure that our products are defect free, we make use of the Six Sigma quality policy. Our product range has varied applications which include Electrical Heating Pads, Food Warmers, Wax Heaters, Vacuum cleaners, Microwave ovens, Washing machine, Pumps, Motors.

### Snap Disc Thermostats:

#### SN-8, SN-8M, SN-8 Ceramic

**Temperature range:** 50°C to 300°C

**Current rating:** 2A, 8A, 16A, 25A at 230VAC

SN-8 is developed as per international design. It is available in auto reset, one shot reset and manual reset mode. The base can be of ceramic or plastic fitted with a variety of terminals and mounting brackets.

It is commonly used in Vacuum cleaners, Wax heaters, Boiler, Vending machines, and Photo copiers.



### Mini Thermostats:

#### SN-4, SN-9

**Temperature range:** 50°C to 160°C

**Current rating:** 4A, 8A at 230VAC

The miniature series of snap disc thermostats from Utiliti Controls offers proven reliability in a compact, versatile, cost-effective design with high current capacity. Its slim design makes it easy to mount, where the space is less. It is used in Electrical Heating pads, PCBs and other small appliances.

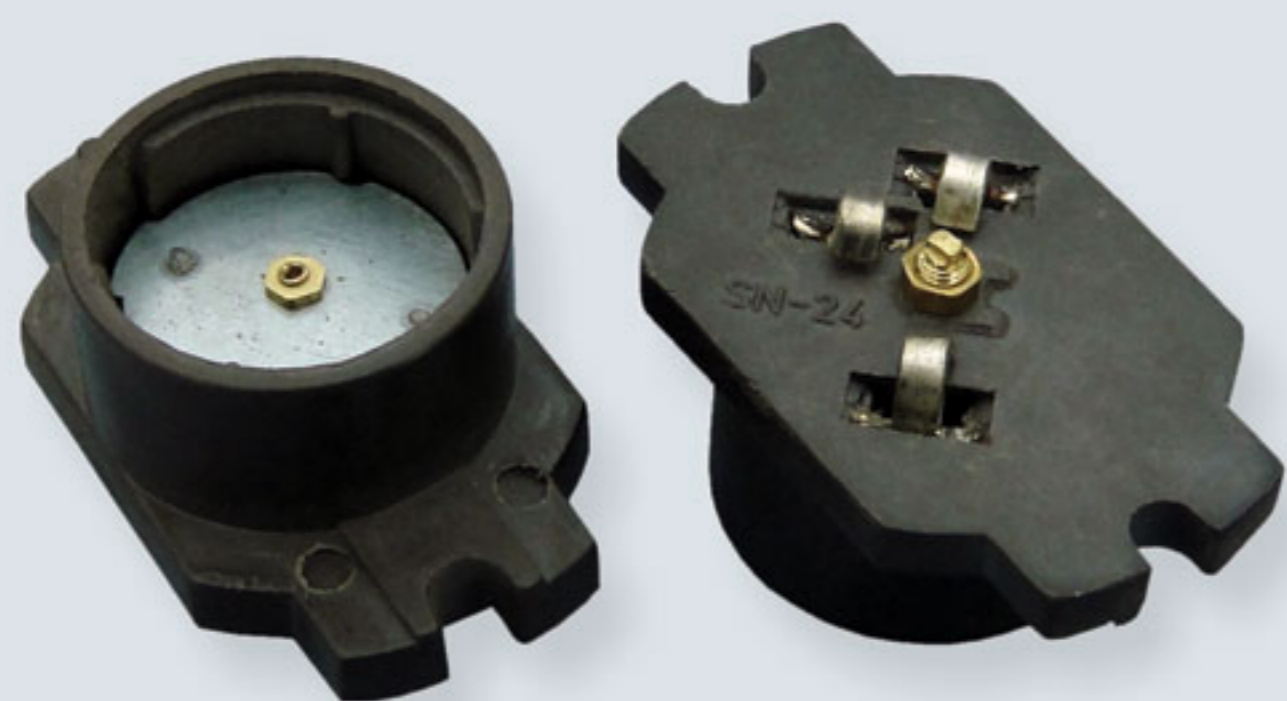
### DC Motor Protector:

#### SN-25

**Voltage range:** 12VDC, 24VDC, 36VDC, 48VDC

**Current rating:** 10A to 125A

The SN-25 Series is a high current DC motor protector which delivers the benefit of locked rotor and overload protection in a robust integrated package. A broad range of design and mounting options enable this device to be custom engineered to meet your needs. It is used in Automobile motors, DC motors.



### Motor protector:

#### SN-24

**Temperature range:** 50°C to 160°C

**Current rating:** 2A to 36A at 230VAC

SN-24 Protectors are sensitive to both temperature and current. They provide complete protection against running overload, locked rotor and short circuit for 1Phase motors, Air conditioner, Refrigerator motors.

## Thermal overload protector:

### SN-2

**Temperature range:** 50°C to 160°C

**Current rating:** 2A, 8A, 12A at 230VAC

SN-2 is used to protect Electric motor, Battery pack, and Transformer by sensing both the current and temperature.

## Winding/Motor protector:

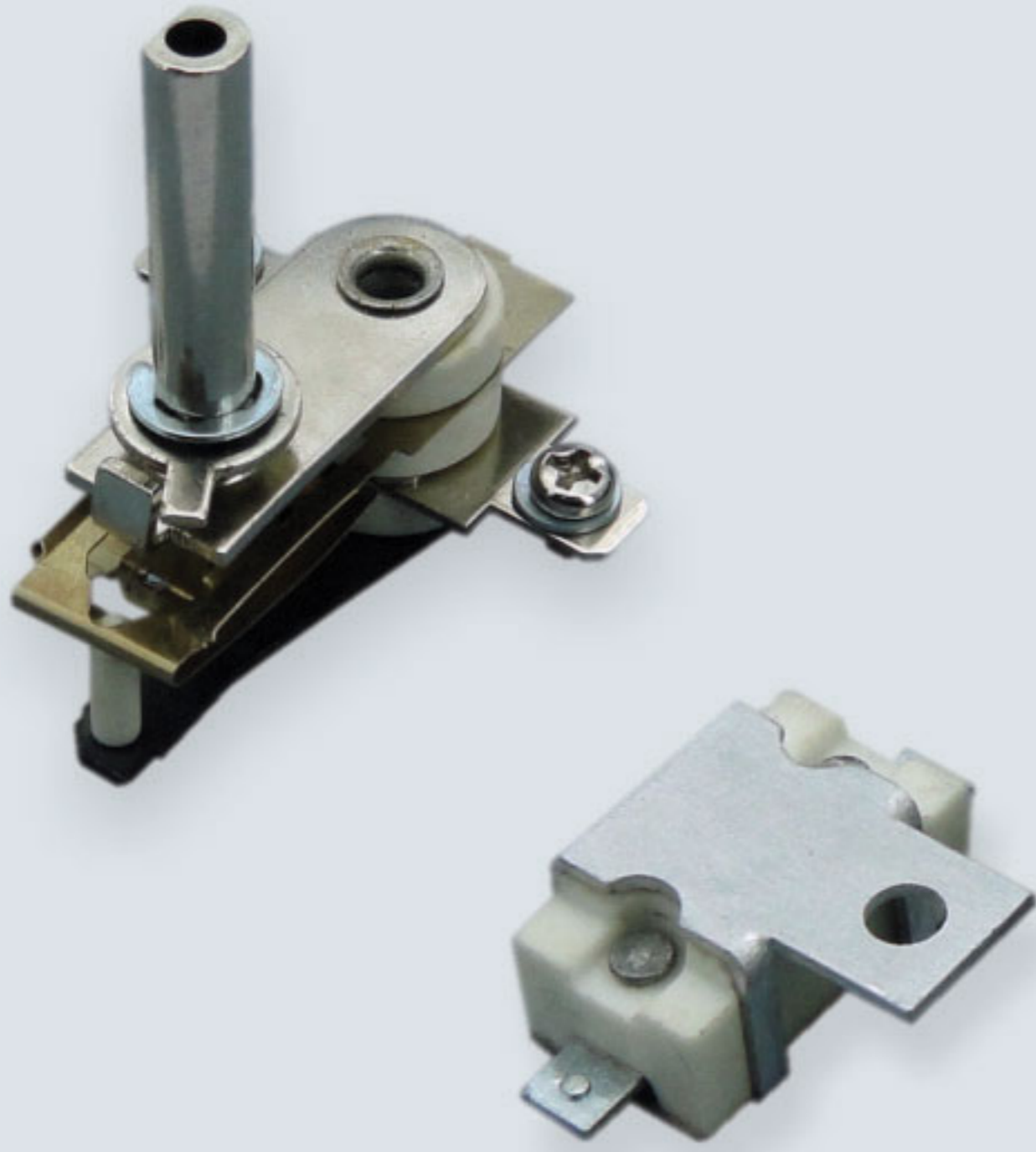
### SN-1

**Temperature range:** 50°C to 160°C

**Current rating:** 2A, 8A, 12A at 230VAC

SN-1 is a 3.5mm thick motor protector to meet almost all requirement of protection. This range is completely sealed in thermally conductive plastic casing.

SN-1 protector is economical and versatile protective device for applications such as Electric motor, Battery pack and Electrical windings.



## Bimetallic thermostats:

### TH-1

**Temperature range:** 0°C to 325°C

**Current rating:** 16A at 230VAC.

The TH-1 bimetallic thermostats are built for long, reliable performance in a wide range of OEM applications like Electric irons, Countertop cooking appliances, Heater fans, Laminating equipments.

## Thermal fuse:

### TF-1

**Temperature range:** 120°C to 325°C

**Current rating:** 4A, 8A at 230VAC.

Thermal fuses are non re-settable. They open electrical contacts when temperature exceeds the specified level. They are used in Electric irons, Ovens, Electric toasters.

## Thermal Cut-out:

### SN-6.

**Temperature range:** 50°C to 160°C

**Current rating:** 10A at 230VAC

SN-6 provides fast response due to its exposed sensing surface. Its open design and high current capacity makes it an excellent thermal cut-out for Hair dryers, Hand dryers.



## Band Heaters and Flexible heaters:

Mica band heaters are made of nickel chromium resistance ribbon/ wire precisely wound on specially selected Mica or Micanite sheet. It is then insulated and covered by metal sheathing and rolled to the required shape. We specialize in developing low wattage plastic film heaters.

## Switches:

We design, develop and manufacture special purpose switches for OEMs

# UTILITI CONTROLS

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