

## BH-B-B2D mini thermal protector

### BH series thermostat / Miniature thermal protector / Rechargeable battery thermostat

#### 1. BH series thermostat's Principle and structure

BW & BH series that can protect against over-current and over-temperature are sealed firmly, small internal resistance, no noise and reset automatically. When current through bimetal that are sensitive to temperature and current, the status of the bimetal will be changed by over-temperature or over-current to cut off circuit or switch on circuit. BH series are safer than normal protectors, as there is no temperature effect lag under condition of sudden big current.

#### 2. BH series thermostat's Specification

##### 2.1. Electrical Rating:

- a. DC-12V max 12A; DC-24V max 10A; AC-125V max 8A; AC-250V max 16A for BH series
- b. DC-12V max 4A; DC-24V max 3A; AC-125V max 3A; AC-250V max 2A for BH-TB02 series

2.2. Open temperature: (30~150)±5°C; 5°C a step.

2.3. Reset temperature: 2/3 of the action temperature with tolerance of ±15°C. Reset temperature can also be provided according to customers' requirement.

##### 2.4. Dimension

Model	Length (mm)	Width(mm)	High(mm)	Lead wire
BH-TB02B-B8D	13.5	5.4	2.4	3266-AWG24#, 3135-AWG24# or nickel strip normally, length is 70 mm or according to customer's require
BH-A1D	15	6.6	3.2	
BH-B2D	15	7.3	3.9	
BH-B3D	18	8	4	

#### 3. BH series thermostat's Application and Instruction

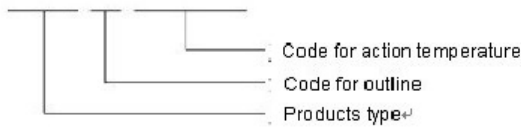
BH series thermal protectors, effective reliable security protector and alarm devices, are widely used in various types 1.5 horsepower motors, lighting device, inverter welding machine, switch power, rechargeable battery pack, fluorescent lamp ballasts, portable power tools, electric appliances and other electric equipment to prevent from over-current & over-heating caused by abnormal work status.

Enforced types that can withstand pressure of 3.5MPa are fit for build-in-installation of plastic coated motor.

#### 4. BH series thermostat's Code System of Product

##### 4.1. BH series Code system

BH-x x x x x °C



##### 4.2. BH-TB02 series Code system

BH-TB02 x - x x x x - x x x °C



The product UL,CQC,VDE and RoHS certification approval.