

# HRM-A/B/C series Thermal Protector

## Structure characters

HRM series thermal protectors are sensitive to temperature changing and safe. The high quality bimetal is sensitive element in product. They are enclosed by metal case and will reset themselves

## Applications

HRM series thermal protectors are not only widely used for production in DC electrical tools, miner's lamp, PC, interphone and rechargeable battery in vidicon, but also can be used for temperature control in medical tools, house-holding machine and some low-voltage electric machine.

## Parameters

Action temp. 0°C~150°C tolerance:  $\pm 5^\circ\text{C}$

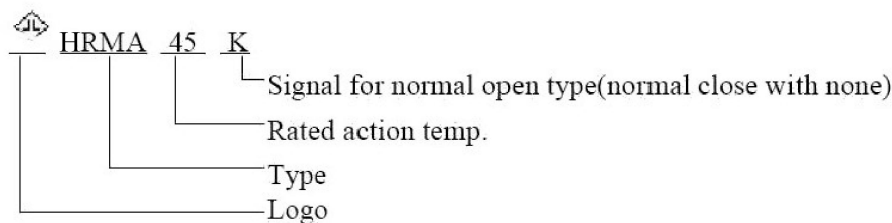
Reset temp : a rang of 2°C below action temperature

Used condition :  $-20^\circ\text{C}\sim 200^\circ\text{C}$

Rated voltage: DC24V,AC120V

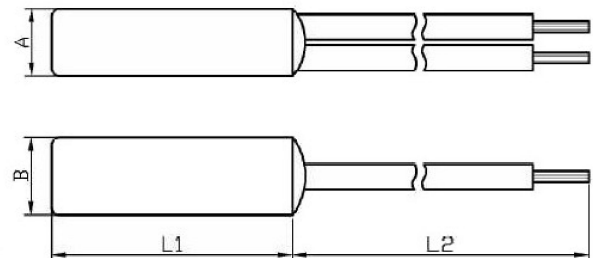
Rated current: 2A,3A,5A

Marks:



## Figure

Code of figure (mm) Type	A	B	L1	L2
HRMA	$5.3 \pm 0.2$	$4 \pm 0.2$	$15.8 \pm 1$	According to customers' requirement
HRMB	$5.7 \pm 0.2$	$4.0 \pm 0.2$	$18 \pm 1$	According to customers' requirement
HRMC	$5.3 \pm 0.2$	$2.4 \pm 0.2$	$15.8 \pm 1$	According to customers' requirement



## Certification

UL:E189924

TUV:50103015

complying with RoHS

# Model :HRMD

## Application:

Be Suitable for temperature control and protection against over-temperature in battery packs of cordless power tools, low voltage appliance.

## Parameters:

Action temperature: 0C~150C (According to customer's requirement)

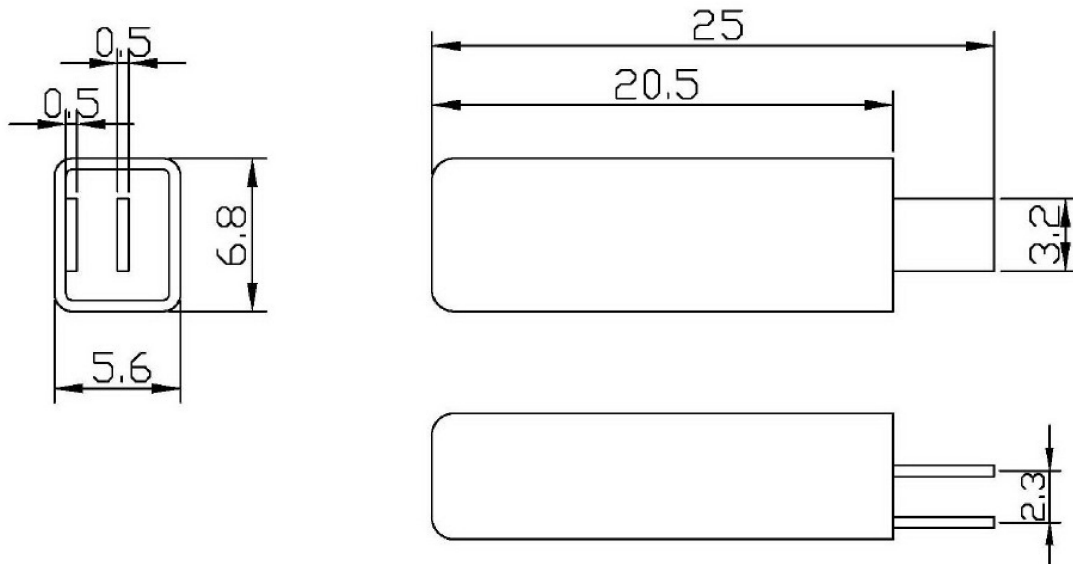
Rated reset temperature: 2C lower than action temperature

Rated voltage: DC24V、AC120V

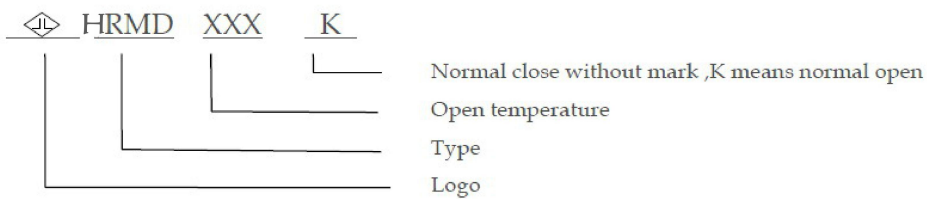
Rated current: 6A



## Figure:



## Code rule:



**PS. Leads wires can meet to customer's requirement.**

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complying with RoHS