



CANTHERM

Supplying high-quality bimetal and thermal sensor products.

About the CRM

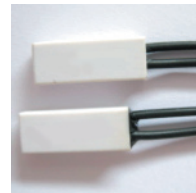
The **CRM** snap action thermal protector is sensitive to current & temperature and features an insulated plastic case. This fully insulated and epoxy sealed unit provides drop-in functionality and resists moisture and varnish.

The **CRMZ** self-hold version is identical to the CRM but provides the extra safety feature of the self-hold.

CRM(Z)

Snap Action Thermal Protectors

Also Available as
CRMZ Self-Hold Protector



Applications

The CRM series thermal protectors are widely used for over-temperature protection in electric heating elements, fractional horsepower motors, fluorescent ballast, transformers, PCB, battery packs, sodium lamps, metal halide rectifiers and more.

Specifications

Trip temp.: 45°C ~ 120°C tolerance: $\pm 5^\circ\text{C}$
(according to customers requirement)

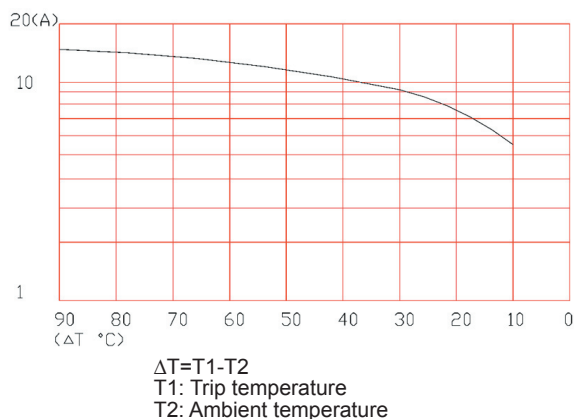
Reset temp.: see table for reset temperature code

Rated voltage: AC240V, DC24V

Contact capacity: 4A

Cycle rating: up to 10,000 cycles

Current VS Temperature Curve



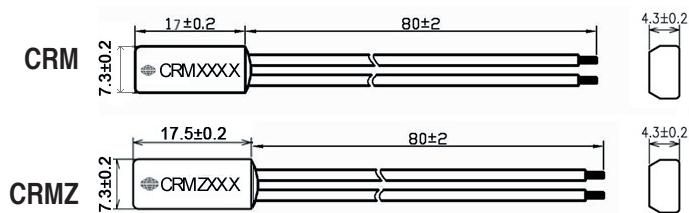
Certification

CUL & UL: E345651

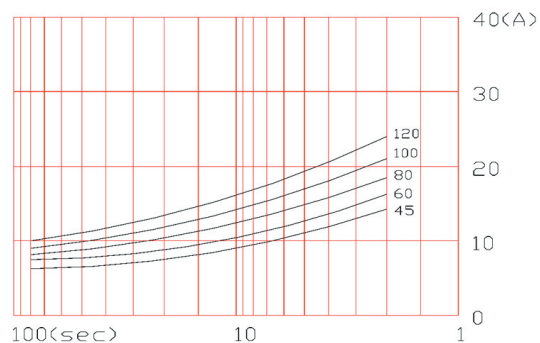
RoHS Compliant

Please contact your Cantherm sales representative for more details on options.

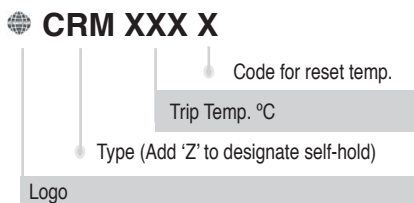
Dimensions



Current VS Trip Time



Markings



Reset temperature codes

Code for reset temperature	Range of reset temperature
A	45°C lower than trip temp. (tolerance $\pm 15^\circ\text{C}$)
B	35°C lower than trip temp. (tolerance $\pm 15^\circ\text{C}$)
C	25°C lower than trip temp. (tolerance $\pm 15^\circ\text{C}$)
D	Reset differential greater than $\pm 35^\circ\text{C}$

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2011/Apr CRM