

# MODEL V SERIES

A family of snap action thermal protector in a plastic case. Offers both overcharge and short-circuit protection in rechargeable battery packs. Low internal resistance for maximum protection and minimal effect on battery pack performance. Designed to meet tighter space requirements of smaller battery packs.

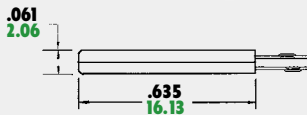


## MODEL V SERIES

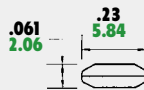
### TOP VIEW



### SIDE VIEW



### END VIEW



METRIC DIMENSIONS ARE IN MM (SHOWN IN GREEN)

Copyright 2006, Portage Electric Products, Incorporated, all right reserved

## FEATURES

- Conductive bimetal construction; the bimetallic element carries the circuit current for maximum current sensitivity under short circuit conditions.
- Snap action device, quick make/quick break switching action. Temperature differential between opening and closing may vary from 5°C to 35°C depending upon the no load calibration temperature.
- Case is electrically isolated from the circuit.
- Preset calibration temperature; not adjustable in the field.
- Equipped with gold diffused, fine silver contacts for use on low voltage/low current applications.

## CONTACT RATINGS

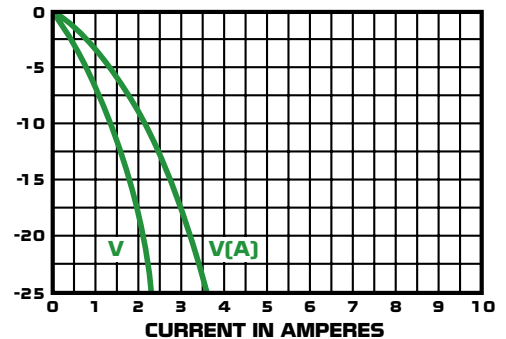
- 10 amps/12volts DC, 5,000 cycles\*
- 5 amps/24volts DC, 5,000 cycles\*

Please consult our Sales Engineers for suggested contact ratings when applied to DC type loads.

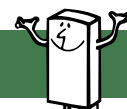
## CALIBRATION TEMPERATURE RANGE

- Available with nominal calibration temperatures from 50°C to 90°C.
- Reset temperature greater than 35°C.

## CURRENT OPERATING CURVE



*We come through when the heat is on™*



**Pepi®**

Portage Electric Products, Inc.