



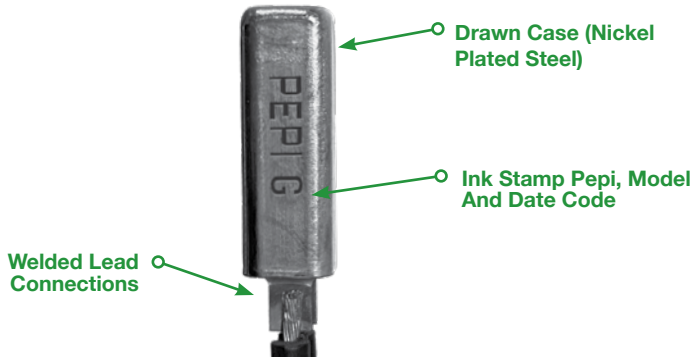
Bringing ultra-small, ultra-reliable performance to low voltage applications.

MODEL G & GR



The PEPI® Model G and GR creep action thermal protectors bring the smallest footprint to low voltage applications.

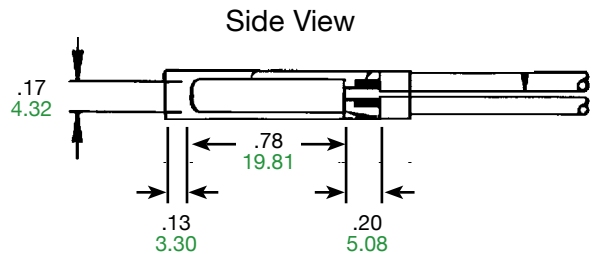
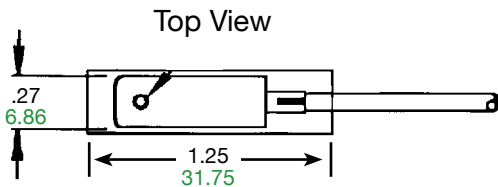
The drawn case fits snugly into the tightest spaces without sacrificing performance reliability. The oversized, gold-diffused, fine silver contacts make the PEPI® Model G a high-reliability choice for many low current applications.



Model G units are normally in the closed position allowing electricity to flow through the circuit. When the temperature exceeds a preset high limit, the bimetal element opens to break the circuit. When the temperature cools, the bimetallic element returns to its original shape closing the circuit. The Model GR operates in the open position and closes the circuit upon temperature rise.

- Optional Form-Fitting Insulation Sleeve
- Customer Specified Lead Length And Insulating Material
- Calibration Dimple
- Epoxy Filled

Feature	Benefit
Drawn case has small footprint	Fits neatly in tight spaces.
Case electrically live	Dissipates heat so that bimetallic element only reacts to changes in circuit load.
Conductive bimetal construction	Bimetallic element carries the circuit current.
Creep action	Slow make / slow break switching action maintains narrow differential between opening and closing temperatures.
Over-sized gold plated contacts	Maximizes current sensitivity and performance reliability.
Preset calibration temperatures	Maximizes accuracy. Calibration cannot be reset in field.



METRIC DIMENSIONS ARE IN MM (SHOWN IN GREEN)

We come through when the heat is on®



Pepi®

Portage Electric Products, Inc.

MODEL G & GR

Customization Options	Effect
Change bimetallic elements	Increase or decrease sensitivity to current.
Add lead wires	Speed production at your facility. Choose wire and insulation material best suited to your application.
Select calibration temperature	Match application needs.
Add sleeves to case	Protect device from environmental concerns or severe ambient temperatures that might influence operation.

Model G: Installs in the closed position and breaks the circuit upon temperature rise.

Model GR: Installs in the open position and closes the circuit upon temperature rise.

UL Recognitions (Visit www.pepiusa.info/ul-recognitions for full details)

File: E42562 - Motor Protective Devices, Inherent Overheating

File: E65250 - Overcurrent and Overtemperature Protector

CSA Certifications (Visit www.pepiusa.info/csa-certifications for full details)

Class: 4823 03 Motor Protectors

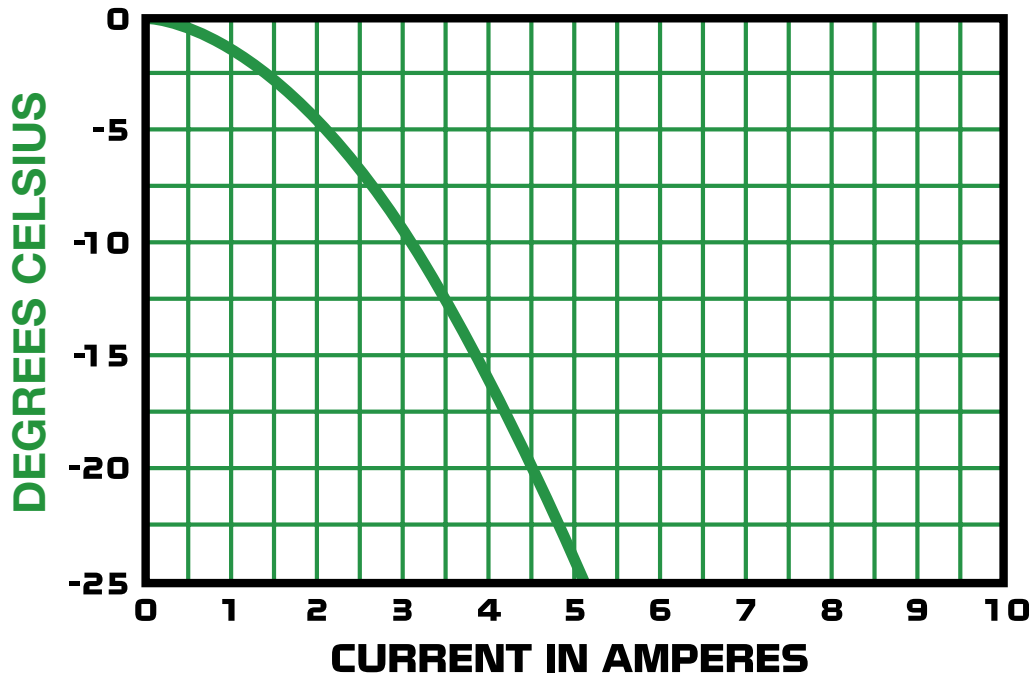
Contact Ratings	Calibration Temperature Range	
2.5 amps / 120 VAC (resistive)	Nominal Calibration Temperatures	40°C - 150°C
	Reset temperature	Typically 1°-2°C lower than opening temperature

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

MODEL G & GR

PEPI® MODEL G & GR REAL WORLD PERFORMANCE

MODEL G & GR DERATING CURVE



These are only representative curves based on controlled laboratory testing. Results may vary in actual applications.

Portage Electric Products, Inc. (PEPI) The Thermal Control Specialists

This sheet contains basic technical and operating characteristic data for our Model G & GR Thermal Controls.

Should you have any questions regarding the use of this device in your application, please feel free to contact us for additional technical information or assistance.

Since 1963 PEPI has been world-wide supplier of bimetallic thermostats and thermal protectors. Today, we produce almost every type of creep-action and snap-action device used in a wide range of OEM applications