

High Resistance Grounding OEM Kit



Line to ground faults are the cause of 98% of all plant electrical failures. With increased attention industry-wide to lowering the potentially deadly effects of arcing faults, tackling the problem at its source remains the surest method of increasing your network's reliability. Downtime costs in both productivity and profits, and Post Glover's PulserPlus.Net™ keeps plants running 24/7/365.

Post Glover's PulserPlus.Net™ is available in an OEM kit suitable for mounting in low or medium voltage switchgear cubicles or standard MCC's. Its ease of installation, top-level factory support and overall superiority make this the easy choice when the customer requires a pulsing system for complete ground protection.

Why You Should Use HRG	
Protect Equipment	Limit ground fault current to less than 10 A, reducing damage and stress to equipment and power system components
Reduce Down Time	Process equipment can continue to operate in the event of a line to ground fault, increasing profitability
Increase Safety	Virtually eliminates flash hazard possibility in the event of a potential arcing fault
Fast Fault Location	Pulsing circuit and optional ammeter allow for easier fault location, saving time and frustrations

Features of the PulserPlus.Net™

Post Glover's fourth generation PulserPlus.Net™ is the premier digital high resistance pulsing grounding system on the market today. It has been engineered and tested to be easy to install and provide the most comprehensive feature set available. From tapped resistors wired to a terminal block to easy to use software, the most advanced HRG system available is designed for seamless integration into your system protection scheme.

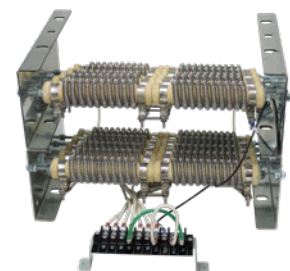
Why You Should Choose Post Glover		
	PulserPlus.Net™	Competitors' offerings
Data Logging	Up to 200 alarms and events can be logged in memory with a time/date stamp to catalog system issues to assist in determining the cause of faults or trend developing faults.	Not available
Reduced Nuisance Alarms	The neutral current and voltage is filtered for 60 Hz to ensure harmonic content is not included in the measurement, eliminating nuisance alarms created by excessive harmonics.	Optional
Easily Accessed Alarm Settings	Engineered flexibility allows the user to accurately customize protection for their electrical network including alarm levels, time delays, and enabling or disabling features. Access is controlled by password.	Difficult to adjust
Loss of Ground Protection	Continuous neutral path and resistor monitoring protects users from undetected resistor failures that can compromise safety.	Optional
Automated Charging Current Measurement and Adjustable Resistor Taps	Guarantees you can select the proper fault level by measuring the system charging current after installation or upgrades. Tapped resistor allows to you to easily tune your protection on-site without ordering a new system.	Not available
Ethernet Communications	Real time neutral monitoring and the ability to integrate into a complete network supervision package gives you total control of your system.	Optional



Front panel



Back panel

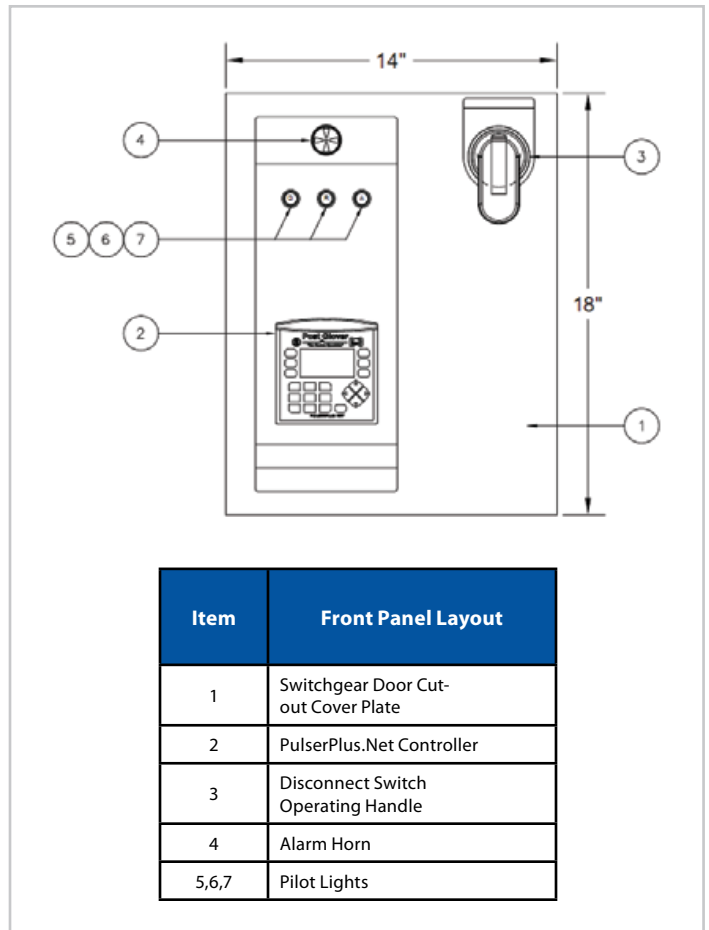
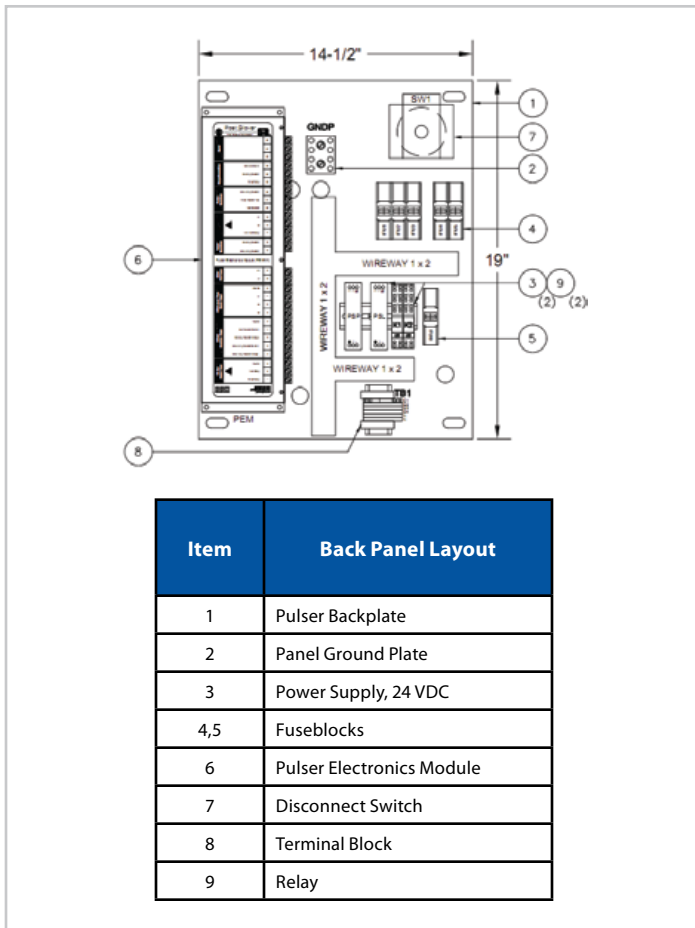


Open Frame resistor

The OEM kit, designed for use at 600 volts and below, consists of three parts: a Front Control Plate, the Internal Control Plate and an Enclosed Resistor suitable for remote mounting.

The Front Control Plate is designed to be installed over a cut-out of dimensions 16" high by 12" wide. This is compatible with most OEM switchgear manufacturers. A rectangular shaft couples the disconnect switch handle on the Front Control Plate to the switch block on the Internal Control Plate when the cubicle door is closed. The distance between the plates is set at installation, and the shaft can be cut to length. The distance between the two plates is typically around 10".

Cabling between the display interface module and the controller is factory supplied. All customer connections are made on the supplied terminal strip. The controller is pre-wired to the strip, simplifying installation and limiting potential mistakes.



The grounding resistor itself is shipped loose and suitable for mounting in existing cabinets or on top of the switchgear cabinet. The standard resistor offering is Open Frame, but NEMA 1 and NEMA 3R options are available. Enclosed options are mill galvanized steel with an ANSI-61 gray powder-coated finish but other colors or stainless steel are available upon request.

Approximate Resistor Dimensions

- Open Frame: 17.5"W x 12"L x 12"H
- NEMA 1: 29"W x 18"L x 29"H
- NEMA 3R: 29"W x 18"L x 29"H

Save time and money using Post Glover's pre-engineered, easy to install OEM kit. As the industry's leading experts in high resistance grounding, we are constantly pushing the technology and product forward. Trust Post Glover to deliver faultlessly.