



Post Glover Resistors continues to lead the industry in product development with the introduction of the SmartPulse family of high resistance grounding products. PGR's SmartPulse combines equipment and personnel safety with continuous operation, improving productivity and your bottom line.

The SmartPulse family provides unparalleled flexibility through a modular approach to the HRG product and options. Double ended switchgear line-up or two power sources? PGR can provide two HRG units in a single enclosure, both monitored on a single HMI. Expansive facility and require the advantages of faulted feeder identification? PGR can equip the unit with feeder monitoring, providing annunciation of a ground fault and identification of where it is to make repairs easier.

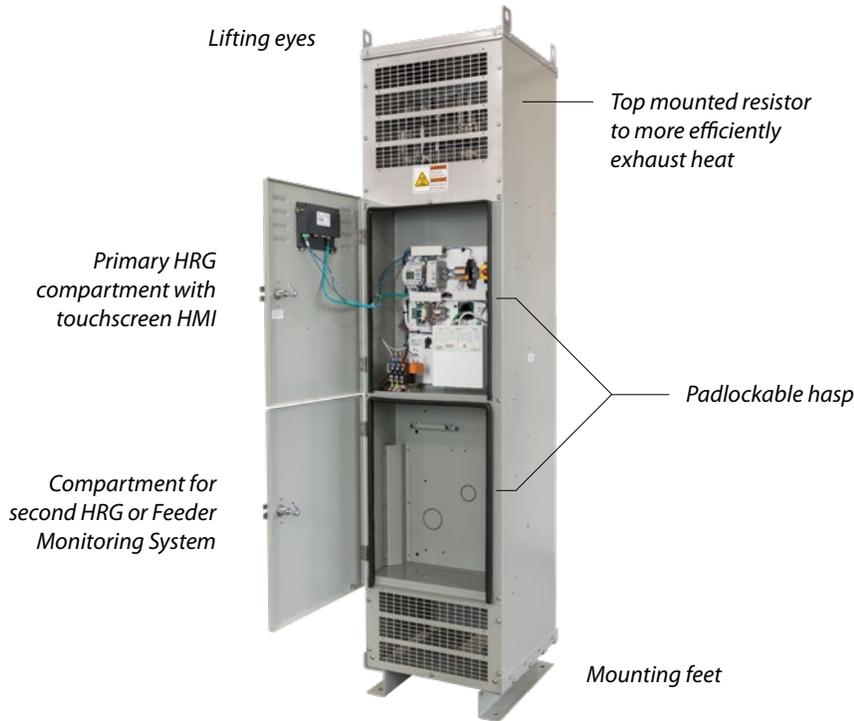


## Greater Protection, Greater Productivity

With increasing attention paid to minimizing downtime and maximizing safety, correctly and quickly localizing electrical faults is critical to maximizing productivity and profitability. The effect of single-phase ground faults can be minimized by high resistance grounding, but timely fault location can be challenging, depending upon your installation. PGR's SmartPulse provides all the advantages of high resistance grounding with added ease of use. Communication using ModBus RTU or TCP/IP (both standard) gives real time access to the health of your network. Opt for Feeder Monitoring and further increase your ability to quickly find and remove faulted equipment.

Why you should choose SmartPulse	
<b>Neutral Path Monitoring</b>	Your system could be compromised due to bad installation, equipment failure, human error, or a combination thereof. SmartPulse's redundant neutral path monitors guard against a failed neutral compromising the safety of your system or personnel.
<b>Feeder Monitoring up to 16 Feeders</b>	Finding a pulse can be challenging with installations with buried cable or hard to find measurement points. Feeder monitoring makes it safer and faster to locate faults.
<b>Current and Voltage Monitoring with Optional Alarm Settings</b>	Alarm signals can be set for overvoltage or overcurrent as well as an open neutral to allow for tripping or alarming as needed. This flexibility allows for monitoring of low-level faults, which can be caused due to failing insulation or non-essential equipment.
<b>Data Logging</b>	Continuous neutral path and resistor monitoring protects users from undetected resistor failures that can compromise safety.
<b>Real time Communications</b>	Communication of real time network data over Modbus allows for critical status updates to reach the right people when they need them. The ability to incorporate the HRG component into plant-wide monitoring creates a safer, more productive environment for all.
<b>Automated Charging Current Measurement</b>	Choosing the proper fault current level with HRG is critical to its success. SmartPulse calculates it for the user as part of its self-guided commissioning package to ensure the system is properly calibrated for optimal results.

Layout



Quick-Quote Form

System Voltage:	<input type="checkbox"/> 480 V	<input type="checkbox"/> 600 V	<input type="checkbox"/> Other, Specify: _____
System Connection:	<input type="checkbox"/> Wye	<input type="checkbox"/> Delta	
Frequency:	<input type="checkbox"/> 60 Hz	<input type="checkbox"/> 50 Hz	
Configuration:	<input type="checkbox"/> Single HRG	<input type="checkbox"/> Dual HRG	<input type="checkbox"/> HRG with Feeder Monitoring No. of Feeders Monitored: <input type="checkbox"/> 8 <input type="checkbox"/> 16
Current:	<input type="checkbox"/> 3 – 10 Amps	<input type="checkbox"/> 5 – 15 Amps	
Neutral Connection:	<input type="checkbox"/> Disconnected via Back-Panel Switch	<input type="checkbox"/> Unfused, Permanent Neutral Connection	
Control Power:	<input type="checkbox"/> Control Power Transformer	<input type="checkbox"/> Customer Supplied 120V	
Enclosure:	<input type="checkbox"/> Indoor, Freestanding	<input type="checkbox"/> Outdoor, Freestanding	<input type="checkbox"/> OEM Kit (Mounted in Switchgear) <input type="checkbox"/> Separate Control and Resistor Cabinets
Enclosure Finish:	<input type="checkbox"/> Painted Galvanneal Steel, ANSI-61 Gray (Standard) <input type="checkbox"/> Other Color or Material (Specify: _____)		
Accessories:	<input type="checkbox"/> Clamp-on Ammeter for Fault Locating	<input type="checkbox"/> Anti-condensation Heater (Required for NEMA 3R and Wall-mounted Units)	

Additional Requirements: Please include a detailed description on any additional requirements along with this form.

Please complete the form and either fax to (859) 283-2978 or email to [sales@postglover.com](mailto:sales@postglover.com)