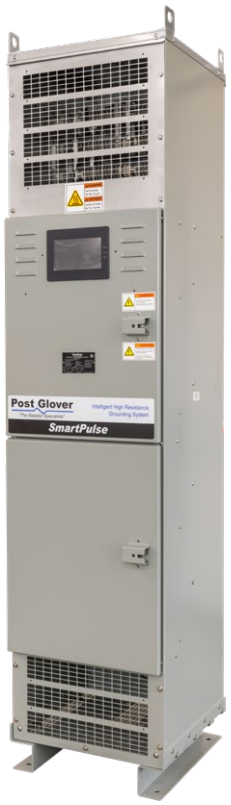
Post Glover Resistors

SmartPulse™ – Advanced HRG with Enhanced Modularity

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	
Neutral Path Monitoring	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.
Feeder Monitoring up to 16 Feeders	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.
Current and Voltage Monitoring with Optional Alarm Settings	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.
Data Logging	Continuous neutral path and resistor monitoring protects users from undetected resistor failures that can compromise safety.
Real time Communications	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.
Automated Charging Current Measurement	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.

Post Glover™
"The Resistor Specialists"

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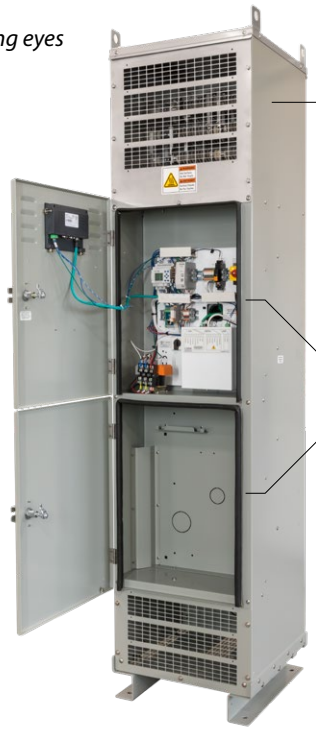
PGR Document #HR501-23

Layout



Quick-Quote Form

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

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Serving the Electrical Industry Since 1892

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