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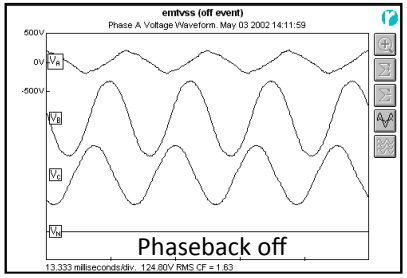


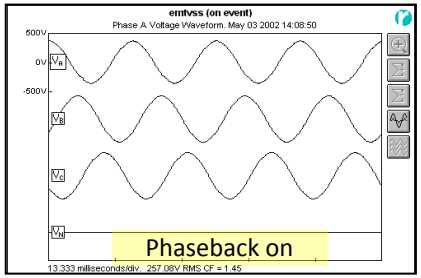


| 3 Phase Voltage | Design KVA | Amperage of Board | ***Phaseback*** *(1)WFC - Wastewater* Internal fused switch | Enclosure Size W X H X Depth | ***Phaseback*** *I (2) Industrial* External fused switch | Enclosure Size W X H X Depth |
|---|---|---|---|---|---|---|
| 240 | 250 | 600 | PB240D250WFC | **24" x 20" x 8"** | PB240D250I | **16" x 20" x 12"** |
| 240 | 750 | 1200 | PB240D350WFC | **24" x 20" x 8"** | PB240D350I | **16" x 20" x 12"** |
| 240 | 2500 | 3000 | PB240D1000WFC | **30" x 30" x 12"** | PB240D1000I | **24" x 30" x 12"** |
| 240 | 6000 | 6000 | PB240D3000WFC | **36" x 30" x 12"** | PB240D3000I | **30" x 30" x 12"** |
| 480 | 250 | 400 | PB480D250WFC | **24" x 20" x 8"** | PB480D250I | **16" x 20" x 12"** |
| 480 | 750 | 600 | PB480D350WFC | **24" x 20" x 8"** | PB480D350I | **16" x 20" x 12"** |
| 480 | 2500 | 3000 | PB480D1000WFC | **30" x 30" x 12"** | PB480D1000I | **24" x 30" x 12"** |
| 480 | 6000 | 4000 | PB480D3000WFC | **36" x 30" x 12"** | PB480D3000I | **30" x 30" x 12"** |

| Voltage/ Phase | kVA | ***Phaseback*** *Residential* External Switch -Dimensions | | Voltage/ Phase | kVA | ***Phaseback*** *High-Leg Delta* External Switch -Dimensions | |
|---|---|---|---|---|---|---|---|
| 240V/1split | 150 | PB150Res | **24" x 20" x 8"** | 240/ 3Ph D | 150 | PB150HLDG | **24" x 20" x 8"** |

This spec sheet includes some standard models. Custom configurations are available.
(1)The WFC units above include: Event Counter, current detector, **GROUND DETECTED** pilot light, Internal Forward Facing Flange Mounted Fused Disconnect, Lockable Door Closure Hardware. (2) The Industrial unit includes all of the accessories of the WFC except the Event counter. The Industrial units above include: current detector, **GROUND DETECTED** pilot light, Internal Forward Facing Flange Mounted Fused Disconnect, Lockable Door Closure Hardware.

http://www.ccereps.com Cy Cates 832 647 4606 cc@ccereps.com

APPLIED ENERGY LLC

# *Phaseback* VSGR

Voltage Stabilizing Ground Reference

Reduce Harmonics by up to 85% (3 wire systems. Balances Phase to Ground Voltages

Eliminates all Transients—

Tested to 200,000V

**Phaseback's VSGR (Voltage Stabilizing Ground Reference) addresses:**

1) Arc Flash Mitigation
2) Arcing ground-faults
3) Voltage spikes—internal or external sources
4) Phase voltage imbalance
5) Phase Loss—Due to high impedance grounds
6) Phase angle differential Distortion—See 4.
7) Phase voltage instability
8) Phase voltage harmonics
9) Waveform distortion
10) Noisy ground reference and frequency instability
11) Operational efficiency increases
12) Insulation Monitor
13) Ground Detection
14) Local Ground Indication
15) Remote Ground Alarm
16) Lifetime Warranty

***Benefits of Phaseback***

- *Keep Insulation System running cool.*
- *Identify and alarm Ground Faults.*
- *Eliminate damage from Transients.*
- *Eliminate damage from Phase Loss.*
- *Reduce Equipment / Controls malfunction.*
- *Reduce negative affects of Voltage Harmonics.*
- *Phaseback reduces Energy Cost associated with Power quality issues, so as to pay for itself.*
- *Made in the USA*

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