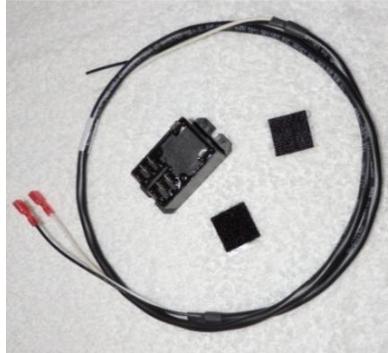


Installation Instructions

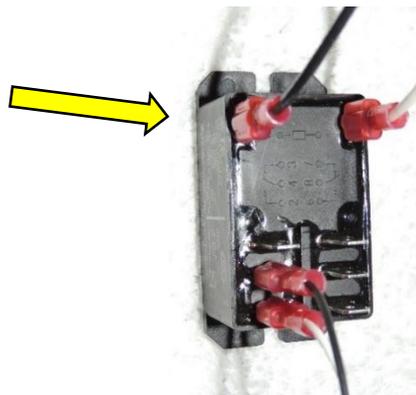
GVR Kit - Generator Voltage Sensing

GVR Kit - Generator Voltage Sensing Relay Kit

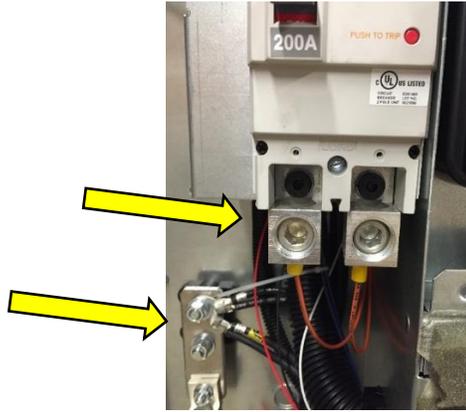
The Generator Voltage Sensing Kit is used to sense the presence or absence of generator voltage on the output side of the generator breaker. This kit will signal a “Generator Breaker Open” condition to the monitoring unit. When used in conjunction with the Utility Voltage Sensing Kit, the alert condition of “Site Without Power” is signaled when voltage is absent from both the Utility Voltage Sensing Relay AND the Generator Voltage Sensing Relay for a duration of 60 seconds.



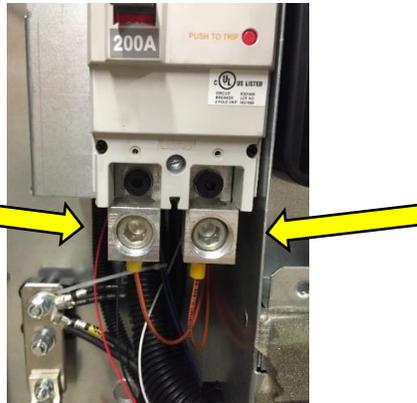
- The Generator Voltage Sensing Relay requires either 120VAC, 208VAC, 240VAC or 277VAC to operate the coil, depending on the relay kit ordered to match the output voltage of the generator.
- Mount the Generator Voltage Sensing Relay in the junction box where the generator main line circuit breaker is located. Locate this relay in a protected location out of reach of personnel. The relay can be mounted with screws, heavy duty Velcro, heavy duty double sided tape or mounted on a DIN rail. The relay should be securely fastened so that it does not come loose, potentially damaging the generator.
- Included in the kit is a 48” voltage sensing lead/harness with ¼” insulated terminal connectors on the relay side of the harness and bare end leads on the utility sensing side of the harness.
- Connect the end of the voltage sensing lead/harness with the ¼” terminals to the input side of the voltage sensing relay.



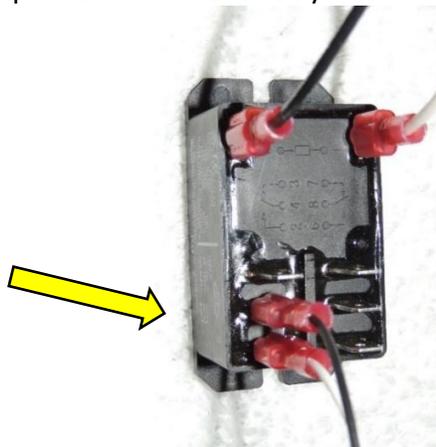
- **Line – Neutral Connection** - Connect the **BLACK** bare end lead to one of the output lugs on the generator output breaker. Connect the **WHITE** bare end lead to one of the neutral bar lug on the generator output neutral bar. You may cut the voltage sensing lead/harness to a shorter length if you desire.



- **Line – Line Connection** - Connect the **BLACK** bare end lead to one of the output lugs on the generator output breaker and connect the **WHITE** bare end lead to a second output lug on the generator output breaker. You may cut the voltage sensing lead/harness to a shorter length if you desire.



- Connect the appropriate **INPUT LEAD** (see input configuration data sheet) on the I/O harness to one side of the normally open output contacts on the relay with the provided ¼" insulated terminal. Connect one of the **BLACK** ground leads with the ¼" insulated terminal on the I/O harness to the other side of the normally open output contact on the relay.



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