

## 240 VAC Sensing ATS to 2-Wire Start Converter



### Features

- Allows any 2-wire start generator to be installed without having to change the transfer switch or wiring between the transfer switch and generator
- Provides the necessary voltage sensing, timing functions and switching circuits required for automatic operation
- Works with Generac® and Briggs & Stratton® transfer switches
- Utility loss timer selectable 5 seconds or 30 seconds
- Generator cool-down: 10 seconds, 300 seconds, or 600 seconds
- Utility return transfer timer selectable between 30 seconds, 129 seconds, or 600 seconds
- LED lights to indicate utility mode, generator mode, and transfer
- 3-phase models available - consult factory
- 2 year warranty

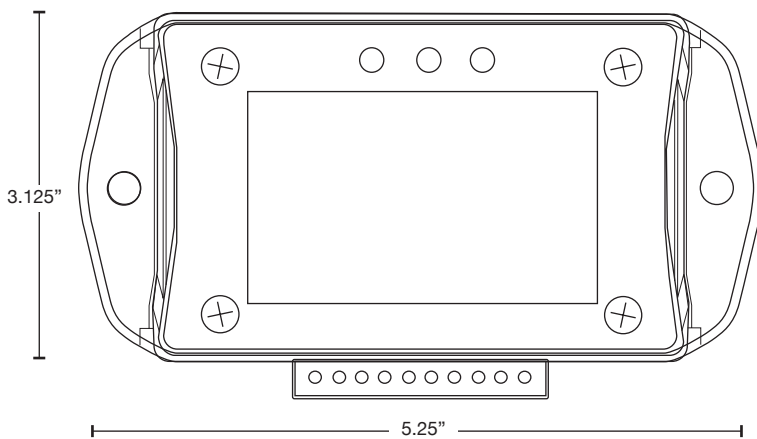
### Add-On Items

- Weekly exercise timer – Item# DTS-1

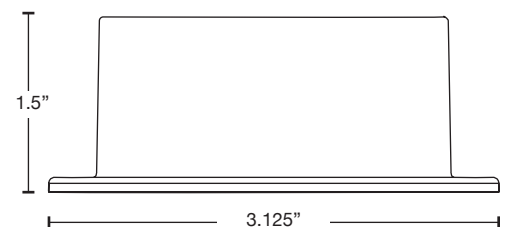
### How it Works

When utility power fails, the KGC-1 will pause for 5 seconds to ensure an actual power outage has occurred. The KGC-1 will then initiate a 2-wire generator start signal, starting up the generator. After a 10 second warm-up period the KGC-1 will confirm the generator voltage is within acceptable levels and will then output the generator transfer signal.

When utility power is restored, the KGC-1 will determine power is stable and within 10 seconds the generator will start the cool down period. After 129 seconds the KGC-1 will automatically transfer the power back to utility.



**Top View**



**Side View**