

## Low Voltage Wireless Generator Load Drop



### Features



- Wireless technology drops load when generator power is detected
- No control wires needed from the transfer switch
- Can be installed anywhere in the electrical system that is 24 VAC accessible
- 2 form “A” control dry contacts
- Mounting flanges for surface mount installation
- Time delay “on” function
- User adjustable startup delay and under frequency restoration timers provide an unlimited number of devices with custom priority settings
- Adjustable frequency drop out settings and delay times for under frequency detection
- Precision adjustments from 50.0 to 59.9 Hz for frequency and from 00.1 to 10.9 seconds delay before load shedding
- Overload detection locks out connected device for an adjustable period of time whenever the restored load overloads a generator
- All adjustments are performed in minutes with three buttons using the LCD display
- Compact size
- 2 year warranty

The SAK-24 provides a wireless solution to control loads of devices with form “A” dry contact. The contacts are rated for up to 5A and 250 VAC to control a broad range of applications. The SAK-24 is powered by 24 VAC that can be derived from anywhere within the electrical system. A connection or control wire back to the generator or transfer switch is not required.

When a power outage occurs, and power is restored, the SAK-24 will open the relays and begin to analyze the AC power from the input. When utility power is detected the SAK-24 will close the relay after 2–5 minutes and enter into a sleep mode until the next outage occurs. When generator voltage is detected the relay will remain open and the SAK-24 will continue to monitor the AC line waveform. When utility power returns, the load will be restored after 2–5 minutes and the SAK-24 will enter sleep mode until a power outage occurs.

