

Low Voltage Wireless Generator Load Drop



Features

- NO/NC dry-contact control input
- 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
- 2 control dry contacts
- Mounting flanges for surface mount installation
- Quick connect SAK-24 terminal blocks
- Time delay on function
- User adjustable startup delay and under frequency restoration timers provide a 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
- Nuisance load detection locks out load for an adjustable extended period of time whenever a restored load immediately overloads a generator
- Switches at zero cross over point for maximum life expectancy
- All adjustments are performed in minute with three buttons using the LCD display
- Compact size only 3.375" X 2.25"

The SAK-24 provides a wireless solution to control loads of both normally open and normally closed devices with a dual form "C" dry contact. The contacts are rated for up to 5 amps and 250 volts AC to control a broad range of applications. The SAK-24 is powered by 24 volts AC 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 energize the relays and begin to analyze the AC power from the input. When utility power is detected the SAK-24 will de-energize 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 energized 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.

Dimensions

