

Product Notice

Industrial Automation



Product:

- Watchdog Relay

Date: October 2013

Overview:

Red Lion's Watchdog Relay is the industry's only rugged hardware-based solution that reliably monitors and provides fail-safe shutdown of processes controlled by RTUs, PLCs and other automation devices. This industrial automation solution helps to proactively protect unmanned processes on a 24/7 basis.

Innovative Features:

Watchdog Relay monitors the pulsing output heartbeat of a connected device to add an extra level of safety that helps protect critical processes across industrial environments that include oil, gas, maritime, power and energy. If the heartbeat stops for reasons that may include power surges, extreme weather or device malfunctions, Watchdog's built-in Form C relay will immediately energize and provide a signal that can be used to safely shut down the process. The signal sent upon loss of control helps to avoid costly damage to materials and equipment.



Industrial Efficiency:

Built to operate in extreme conditions, Watchdog Relay supports temperatures ranging from -40 degrees to 80 degrees Celsius, as well as 5 to 85 percent humidity. It carries Class I, Div II and ATEX hazardous locations certifications, and has been marine and offshore tested and/or verified to meet standards such as ABS, DNV No. 2.4 and Lloyds.

Summary:

Red Lion's Watchdog Relay allows customers to protect unmanned processes across a diverse range of industries that include oil, gas, maritime, power and energy.

Materials:

- [Press Release](#)
- [Datasheet](#)