

Company Contact:
[Will Delsman](#)
NK Technologies
408.871.7510, x1013

Agency Contact:
[Chris Nelson](#)
Longren & Parks
612.237.4443

Significantly Simplify Current Monitoring and Help Minimize Downtime with ASL Switches from NK Technologies

SAN JOSE, CA – [NK Technologies](#) introduces [ASL Series](#) AC Current Operated Switches. The ASL series features a patent pending and user-selectable linear setpoint adjustment, enabling users to reliably monitor current, simply, in a wide range of applications. The ASL series is available in a panel mounted solid- or split-core enclosure to simplify installation. An easily established contact actuation point can be set with no load present and a two second delay ignores motor inrush current upon energization. Magnetically isolated output maximizes safety and eliminates insertion losses, and solid-state reliability eliminates periodic maintenance or calibration requirements. No external power source is required for operation.

“Current monitoring helps ensure that applications operate at the desired current level, while enabling users to take corrective action before more significant and costly problems resulting from over or under-voltage conditions can occur,” says Philip Gregory, President, NK Technologies. “The ASL series provides a current-operated solid state contact that is powered from the monitored circuit. It is unique in that the trip point adjustment uses a single turn potentiometer, meaning the installer can quickly and easily set the point at which the output changes state when the monitored circuit is not energized by simply turning the adjustment arrow to the current magnitude needed.”

The ASL series is ideal for monitoring AC motor loads up to 150 amps. With the ASL series users can set a normally open contact over the normal running current level and it will open if the drive belt breaks or comes off the sheaves, or they can set a normally closed contact below the normal run current level to open on over-load conditions. The ASL series is also a perfect solution for monitoring critical lighting loads such as security lighting and water navigational indicators, as well as heating loads by monitoring drying and curing processes remotely and providing independent verification that an element is working properly.

NK Technologies offers no-cost [test and evaluation units](#) to qualifying OEMs. Visit the [Engineering Resources](#) section of NK Technologies website for access to numerous application notes and a technology [white paper](#) on current sensing technology.

ABOUT NK TECHNOLOGIES

Founded in 1982, NK Technologies designed the first the low-cost solid-state current sensing technology that underlies the industry today.

Today NK Technologies is a leading provider of current sensing, ground fault detection and power monitoring products to the [industrial and factory automation markets](#), with a product portfolio that includes more than 1300 models to satisfy a wide range of specific application needs. As the needs of these markets change, NK Technologies is well-positioned to respond with sophisticated new product designs and improved product functionality necessary to meet those applications.

NK Technologies, 3511 Charter Park Drive, San Jose, CA 95136; 800.959.4014; fax: 408.871.7515
sales@nktechnologies.com; www.nktechnologies.com.