



Wieland's **flare** CONTROL P3-L & P3-LTN Series relays provide voltage control for three-phase power systems

Wieland Electric Introduces Phase Monitoring Relay

Wieland Electric Inc., a leading global manufacturer of innovative electrical interconnect technology, has expanded its **flare** CONTROL Series of phase control relays with two new modules designed to provide phase and voltage control functions for three-phase power systems in industrial applications.

For the technical press

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For download of this product datasheet, please refer to our website:

www.wielandinc.com/electronics-control-cabinet





The **flare** CONTROL P3-L module provides basic phase control (phase sequence, phase position, and phase failure) for voltages from 200 to 500VAC, while the **flare** CONTROL P3-LTN module delivers advanced control functions, including voltage balance, adjustable time delays, and overvoltage/undervoltage monitoring, as well as accommodates four-wire, three phase systems with a neutral connection. Both modules feature one changeover contact, in addition to multiple LEDs for monitoring and diagnostics.

“An incorrect sequence in motor phases changes the rotational direction of the motor, which could potentially cause catastrophic results. Wieland’s P3-L relays detect phase imbalances before damage can occur,” said Martin Lalonde, application engineer at Wieland Electric. “When a phase imbalance occurs in a three-phase motor circuit, it causes an unequal load, which decreases the power and efficiency of the connected motor, increases the total thermal load on the system, and can lead to motor failure. As such, Wieland’s new P3-L and P3-LTN phase monitors were built to quickly and accurately diagnose these problems, ensuring that the systems they’re designed into continue running properly.”

Wieland’s **flare** CONTROL P3-L and P3-LTN phase control relays are housed in 22.5mm wide DIN rail modules, and feature screw connections and both IEC (cURus) and CE approvals. Operating temperature for the series spans -20°C to +60°C.





Press Release

For more information about Wieland Electric's *flare* CONTROL P3-L and P3-LTN phase control relay modules, please visit <http://www.wielandinc.com/en-us/products/electronics-control-cabinet> to access product datasheets, specifications, and other technical information. For more information about Wieland Electric and its other industrial automation products, please visit www.wielandinc.com or call 1-800-WIELAND (1-800-943-5263).

About Wieland

Wieland Electric Inc., founded in 1910, is a leading global manufacturer of electrical interconnect technology products. Headquartered in Germany with a North American Operations Center and subsidiaries throughout the world, Wieland Electric has 2200 employees in more than 70 countries to service worldwide customers. Wieland provides solutions to the industrial & building automation, wind, solar, HVAC, and power generation markets. Local inventory, value-added services and technical resources at the North American Operations Center support a national sales and distribution channel. Wieland is ISO 9001 certified.

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