

WIELAND ELECTRIC LAUNCHES NEW WIPOS PRO LINE PSU1 ONE-PHASE POWER SUPPLY SERIES



Wieland Electric announces the release of its new PRO LINE WIPOS PSU1 product line, engineered to deliver reliable, efficient power for demanding industrial automation and control applications. Combining high efficiency, superior surge protection, and a compact design, the PSU1 provides a versatile solution for modern control panels and systems where reliability and space are critical.



“A reliable power supply is essential to any safe automation system. Safety controllers, sensors, and protective devices all require a stable 24 VDC power source to function effectively,” said Diego Arias, Product Manager at Wieland Electric North America. “The WIPOS PSU1 is an excellent choice for demanding automation applications, combining high efficiency, long service life, and a compact design with the reliable performance customers need to keep their systems running.”

Designed to handle challenging operating conditions, the PSU1 features a wide input range for flexible AC/DC applications and efficiency ratings of up to 95%, helping reduce energy consumption and heat generation. The compact design maximizes valuable control panel space, while minimal lateral clearance requirements provide greater installation flexibility. Easy Push-In connectivity enables fast, tool-free installation, and an adjustable output voltage of up to 29 V helps compensate for voltage drop over long cable runs. Power through heavy industrial startups effortlessly with sustainable Boost Power—delivering 130% power for a full 10 seconds to keep your critical operations running smooth. Superior surge protection and reliable operation from -25 °C to +70 °C further support dependable performance in demanding industrial environments. PRO versions also feature a DC OK LED and relay contacts for quick, convenient diagnostics and easier system monitoring. In addition, every product includes a QR code providing fast access to technical product information and manuals through the Wieland eShop.

Key Features and Benefits:

- Wide input range for flexible AC/DC applications
- Up to 95% efficiency for reduced energy consumption and heat generation
- Easy Push-In connectivity for fast, tool-free installation
- PRO version with DC OK LED and relay contacts for convenient diagnostics
- Reliable operation from –25 °C to +70 °C for demanding environments
- Adjustable output up to 29 V to compensate for voltage drop over long cable runs
- Superior surge protection for enhanced system reliability
- Compact design ideal for space-limited control panels
- Minimal lateral clearance to maximize panel space and installation flexibility
- QR code on every product for quick access to technical information and manuals



The new WIPOS PRO LINE PSU1 is available now for integration into industrial automation, machinery, safety systems, control systems, and other demanding applications requiring stable, efficient, and reliable one-phase power.

ABOUT WIELAND ELECTRIC

Since its founding in 1910, Wieland Electric has been a global provider of safe electrical connection and industrial automation solutions. Headquartered in Bamberg, Germany, the company operates in over 70 countries and is represented by 14 subsidiaries worldwide.

Wieland Electric is a market leader in pluggable and modular installation technology. Our journey to success began with the legendary Wieland Clamp, the first-ever safe electrical connector. Since then, safety has been at the heart of our ethos, driving us to continually develop safer and more efficient ways to electrify the world. From decentralized power distribution and industrial networking to pluggable connections and safety technology, our components seamlessly integrate into any structure – you build it, we power it... safely!