



*Wieland's wipos PS1 & PS3 Series compact DIN rail power supplies are rated for use in hazardous environments ...
(WC1063 wipos PS1 PS3 power supplies PR.jpg)*

Wieland Electric Develops Compact DIN Rail Power Supply Modules

Wieland Electric Inc., a leading global manufacturer of innovative electrical interconnect technology, has expanded its **wipos** series of DIN rail power supply modules with a new compact design for control cabinet applications. The new **wipos** PS series power supplies carry worldwide agency approvals, including UL, CSA, CE, as well as approvals for hazardous locations (Class 1, Div. 2) and shipboard installations (Lloyd's Register).

For the technical press

Keyword:
Wieland Electric, wipos Series PS1, wipos Series PS3, power supplies, Class 1 Div 2, Lloyds Register Ship Approval

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

www.wielandinc.com/electronics-control-cabinet





The **wipos** PS1 Series power supplies are rated for 24VDC/1.25A to 20A output power, with capability for 120% power boost for 10 seconds. The modules accept a wide range of input voltages (85 – 264VAC/90 – 350VDC) for worldwide use, and feature power factor correction on modules rated $\geq 5A$. Available in five module sizes, ranging from 32mm x 90mm x 90mm (1.25A) to 95mm x 125mm x 150mm (20A), the power supplies can be connected in parallel or in series, and are rated for operation between $-40^{\circ}C$ and $+70^{\circ}C$ (with 100% power at $60^{\circ}C$).

The **wipos** PS3 Series power supplies are rated for 24VDC/5A to 40A output power, with capability for 120% power boost for 10 seconds, and accept a wide range of input voltages (320 – 576VAC/450 – 810VDC) for worldwide use. Available in four module sizes, ranging from 40mm x 125mm x 122.2mm (5A) to 135mm x 125mm x 180mm (40A), the PS3 Series power supplies are rated for operation between $-40^{\circ}C$ and $+70^{\circ}C$ (with 100% power at $60^{\circ}C$). The PS3 supplies can also be powered using only 2 phases and still deliver 100% of their power ratings.

“The new **wipos** Series power supplies provide design engineers with the proven performance of Wieland’s rugged DIN rail power supply modules in a slim, compact housing,” said Martin Lalonde, Applications Engineer at Wieland Electric. “Rated for Class 1/Div. 2 harsh environments, as well as shipboard installations, the **wipos** PS1 and PS3 Series power supplies are ideal for a range of challenging applications.”

Wieland’s **wipos** Series power supply modules feature compensation for voltage drops through the adjustable output voltage.





Press Release

For more information about Wieland Electric's **wipos** Series power supply modules, please visit <http://www.wielandinc.com/en-us/products/electronics-control-cabinet> to access product 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 and building automation, wind, solar, HVAC, and power generation markets. Local inventory, value-added services, and technical resources are headquartered at the North American Operations Center and support a national sales and distribution channel. Wieland is ISO 9001 certified.

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