



The single-phase power supply units **wipos P1** operate reliably and are robust.

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Reliable power supply units without frills

Wieland Electric has extended its power supply product range with the single-phase series **wipos P1**. The AC/DC converters are suitable for DIN rail mount inside control cabinets and are primarily used in mechanical engineering and process technology. The series comprises various modules from 1.25 to 20 A; due to their automatic and wide input voltage range they are suitable for use worldwide. The robust 24 VDC power supply units operate in temperature ranges between -25 and 71 °C as well as under extreme environmental conditions.

For the technical press

Key word:
DC power supply unit series
wipos P1



The switch-mode power supplies concentrate on major features such as: full output power at operating temperatures up to 60 °C; PFC technology; long power buffering time > 30 ms; settable output voltage; active monitoring with switching output and LED diagnostics for easy start-up. The power supply units can be daisy-chained; from 5 A they can also be switched in parallel for power increase and redundancy. The units are connected using sufficiently dimensioned screw terminals. The devices are sustained short circuit proof and are protected against excess temperatures. They are characterized by a high reliability and an attractive price/performance ratio. Approvals according to CE and UL are available.



Background information

Wieland Electric was founded in 1910 and is one of the pioneers of electrical connection technology. The product range includes well over 20,000 components for industrial automation and building installation/automation. With its **gesis**[®] system Wieland has been the leader of the market worldwide in the field of pluggable electrical installation for buildings over 30 years. The **podis**[®] power bus system is predestined for automation solutions. Most notably, the modular system allows effective remote installation of logistics and transport systems. The internationally oriented family company has subsidiaries in France, Great Britain, the US, Canada, Italy, Poland, Spain, Belgium, Czech Republic and China is represented in more than seventy countries worldwide. Wieland Holding comprises not only Wieland Electric, but also STOCKO group since 1998. The company group is certified according to ISO 9001:2000 and produces in compliance with an EC-audited environmental management system.

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