

## Press Release

### **SPDL SERIES: HIGH PERFORMANCE AND COMPACT DIMENSIONS POWER SUPPLIES FOR DIN-RAIL MOUNTING**

High efficiency and compact design.

Lainate, March 2025 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today introduces the new SPDL series: compact, high-performance, 1-phase, DIN-rail power supplies designed for electrical panels with space constraints.

The SPDL series offers two housing options across four power ranges, from 15 W to 75 W, all with a compact 32 mm width. This design reduces panel space by up to 20% and cuts weight by up to 35%, making it an ideal solution for applications where space is limited.

The SPDL power supplies are certified to the highest industry standards, including CE, UL 62368, and UL 61010 (for 75 W models), ensuring top-quality performance and safety.

These power supplies are perfect for applications requiring high efficiency and a wide operating temperature range. The SPDL series offers up to 88% efficiency and operates in temperatures ranging from -40°C to +80°C (-40°F to +176°F).

Additionally, these devices come with integrated diagnostics and protection features, including Over Current (OVC), Over Voltage (OVP), and Short Circuit (SCP) protection. The Over Temperature (OVT) function is also available for the 75W models, ensuring maximum protection even under abnormal conditions.

"This new SPDL series, with models from 15 to 75 W, complements our existing 120 and 240 W DIN-rail power supplies, and offers an ideal alternative to our current SPD series, enhancing the overall performance and reliability of our product range," said Matteo Pinciroli, International Product Specialist. "With this launch, we aim to reinforce Carlo Gavazzi's position by offering one of the most compact DIN-rail power supplies available on the market, meeting the customers' demand of advanced features in compact size."

#### **Main technical features**

- Universal input voltage range: 90 VAC to 264 VAC; 120 VDC to 370 VDC
- Output voltage options 12 VDC or 24 VDC
- Output power range from 15 W to 75 W
- Ultra-compact dimensions, 32 mm width for all 15, 30, 60, and 75 W models
- Integrated protection: short circuit, over current, over voltage
- Over temperature protection functionality: for 75 W models
- Efficiency: up to 88%
- Isolation voltage: up to 3 kVAC
- Overvoltage category II
- Wide operating temperature range: -40°C up to +80°C (-40°F to +176°F) - depending on the models
- Derating starting at 60°C (15 W and 30 W models)
- Green LED for status indication
- Voltage output adjustment
- CE, UL 62368
- UL 61010 for 75 W models

#### **ABOUT CARLO GAVAZZI AUTOMATION**

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 22 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

#### **For further information:**

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