

## Press Release

### **SPME SERIES: COMPACT LOW-PROFILE DIN RAIL POWER SUPPLIES FOR BUILDING AUTOMATION AND EV CHARGING STATIONS**

High efficiency and ultra-compact design.

Lainate, March 2023 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents the new SPME series, compact single-phase low-profile DIN-rail power supplies designed for electrical panels with limited space.

The SPME series consists of 4 frame sizes, starting from 15 W with a width 17.5 mm, to a maximum 100 W with a width of only 70 mm. The low-profile design of the SPME makes it ideal for applications such as building automation and electric car battery chargers. At the same time, its robust design also makes it suitable for applications in industrial automation with space limitations.

The high quality of the SPME power supplies is certified by a series of industry approvals: CE, UKCA, UL 62368-1.

The SPME series comes with a 4 kVAC isolation voltage, which is a mandatory requirement for electrical vehicle charging stations. These power supplies are also extremely suitable for applications where high efficiency and wide operating temperatures are required. Integrated diagnostics and protection functions such as Over Current (OVC), Over Voltage (OVP), Short Circuit (SCP), and Over Temperature (OVT) provide maximum Output protection. The complete range of the SPME assures high operating efficiency of up to 91.5% and a wide operating temperature range from -40°C to +70°C (-40°F to +158°F).

“The SPME series is the perfect solution to improve the overall performance and reliability of the SPD series. This new series duly meets customers’ requests in having advanced features in a compact housing,” Matteo Pinciroli, International Product Specialist, states. “With this launch, it is our intention to strengthen Carlo Gavazzi’s product offerings with one of the most compact DIN-rail power supplies on the market.”

#### **Main technical features**

- Universal input voltage range: 85 VAC to 264 VAC; 120 VDC to 370 VDC
- Output voltage range 12 VDC or 24 VDC
- Output power range from 15 up to 100 W
- Dimensions range 1 DIN, 2 DIN, 3 DIN, 4 DIN modules
- 1 DIN module up to 15 W, 2 DIN modules up to 36 W, 3 DIN modules up to 60 W, 4 DIN modules up to 100 W
- Integrated protections: short circuit, over current, over voltage, over temperature available for SPME 150 series
- Efficiency up to 91.5%
- Green LED for status indication
- CE, UKCA, UL 62368-1 approvals
- Overvoltage category III

#### **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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