

## Press Release

### **SPMA SERIES: COMPACT LOW-PROFILE DIN RAIL POWER SUPPLIES FOR BUILDING AUTOMATION AND ELECTRIC CAR BATTERY CHARGERS**

High efficiency and ultra-compact design.

Lainate, July 2020 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents the new SPMA series, very compact DIN rail power supplies designed for electrical panels with limited space.

The SPMA series consists of 3 frame sizes, starting from 1 DIN (17.5 mm) for the 15W to a maximum of 4 DIN (70 mm) for the 100 W model. The low-profile design of SPMA 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.

The high quality of the SPMA power supplies is certified by approvals like: CE, UL508, UL 62368, UL1310 Class 2, ISA Class1 Div 2.

The SPMA series comes with 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 temperature are required. Integrated diagnostics and protection functions such as Over Current (OVC), Over Voltage (OVP), Short Circuit (SCP) provide maximum Output protection. The complete range of the SPMA series conforms to stress tests, conducted at full load and elevated temperature.

"The SPMA is the perfect solution to improve the overall performance and reliability of the SPM series. This new series duly meets customers' requests in having advanced features in a compact housing," Matteo Pinciroli, International Product Specialist, says. "With this launch it is our intention to strengthen Carlo Gavazzi's product offerings by enhancing the line of power supplies, targeted at specific applications."

The SPMA series is specifically designed to provide the ideal solution for electric car battery chargers, and in markets such as the Building and Industrial automation.

#### **Main technical features**

- Universal input voltage range: 85 VAC to 264 VAC; 120 VDC to 350 VDC
- Output voltage range 5 VDC, 12 VDC, 15 VDC or 24 VDC
- Output power range from 12 up to 100W
- Dimensions range 1 DIN, 3 DIN, 4 DIN modules
- 1 DIN module up to 15W, 3 DIN modules up to 60W, 4 DIN modules up to 100W
- Over Current (OVC), Over Voltage (OVP), Short Circuit (SCP) output protections
- Efficiency up to 89%
- Bi-colour LED for status indication
- Voltage output adjustment
- CE, UL508, UL62368, UL1310 Class 2, UL12.12.01 (Class I Div 2)
- Insulation voltage 4kVAC
- Isolation class II
- Optional: PCB conformal coating

#### **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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