

Press Release

RSBS FLAMMABILITY CERTIFIED SOFT STARTERS: A NEW SAFETY STANDARD FOR SINGLE-PHASE COMPRESSORS

Expanding opportunities in HVAC and Refrigeration applications.

Lainate, June 2026 - Carlo Gavazzi Automation, the international electronics group active in the design, manufacture, and marketing of electronic equipment, today introduces the **RSBS Flammability Certified**, the latest evolution of one of its most successful soft starters, designed to meet the growing demands of safety-critical HVAC and refrigeration applications.

For over 15 years, the RSBS series has been a preferred choice for OEMs and system integrators worldwide, delivering **reliable and efficient starting of single-phase compressors up to 32 A**. Its compact design, ease of integration, and built-in protection functions have made it a benchmark solution for control panels.

Today, the RSBS is designed for use in systems compliant with UL 60335-2-40 and 60335-2-89, enabling access to regulated markets and supporting new applications driven by the increasing adoption of **A2L refrigerants**.

As HVAC systems evolve and safety requirements become more stringent, the demand for compliant and future-ready components is rapidly increasing. The RSBS Flammability Certified addresses this need by combining **proven performance with enhanced safety compliance**, allowing customers to expand their application range without added complexity.

"We are enhancing a product our customers already trust by providing the documentation needed to access regulated markets, and meet the safety standards required by end-users," says Giacomo Raggi, International Product Manager. "With RSBS Flammability Certified, our customers can move faster, simplify compliance, and maintain the same design and installation approach."

One of the key advantages is continuity: the RSBS Flammability Certified offers the same electrical performance, footprint, and user experience as the standard version. **No redesign and no additional engineering effort are required—just immediate access to new opportunities and compliance with evolving regulations.**

Main technical features

- Compliant with **UL 60335-2-40 and UL 60335-2-89 compliance**
- Designed for **A2L refrigerant applications**
- **Self-extinguishing** enclosure materials for enhanced fire safety
- Proven performance with **no changes to footprint or installation**
- **Simplified integration** with no need for redesign or requalification
- Reliable and compact solution for **single-phase compressors up to 32 A**

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi is an international group engaged in the design, manufacturing, and marketing of electronic control components for the global building and industrial automation markets.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 23 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its factories in Italy, Mexico, Lithuania, Malta, and China.

For further information:

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