

MAGNETIC SOLUTIONS
COMPONENTS
AUTOMOTIVE



ACTUATORS

**ELETTRONICA
ROSSONI**
INNOVATIVE SOLUTIONS

Elettronica Rossoni Group, boasting over three decades of experience, presents a professional team dedicated to create solutions to your specific requirements.

Specializing in the manufacturing of appliances, electrical components, and electronics, we are committed to delivering innovative solutions to meet your needs.

ACTUATORS COMPONENTS

MAIN CHARACTERISTICS

Precise Control & Response

Designed for fast and accurate positioning across a wide range of vehicle functions.

Compact & Lightweight Design

Optimized for limited installation spaces without compromising on power.

Energy Efficiency

Low power consumption for integration into electric and hybrid vehicle systems.

Robust & Durable

Built to withstand vibration, temperature extremes, and harsh automotive environments.

Customizable Solutions

Actuators can be tailored to meet customer specific torque, size, or interface requirements.

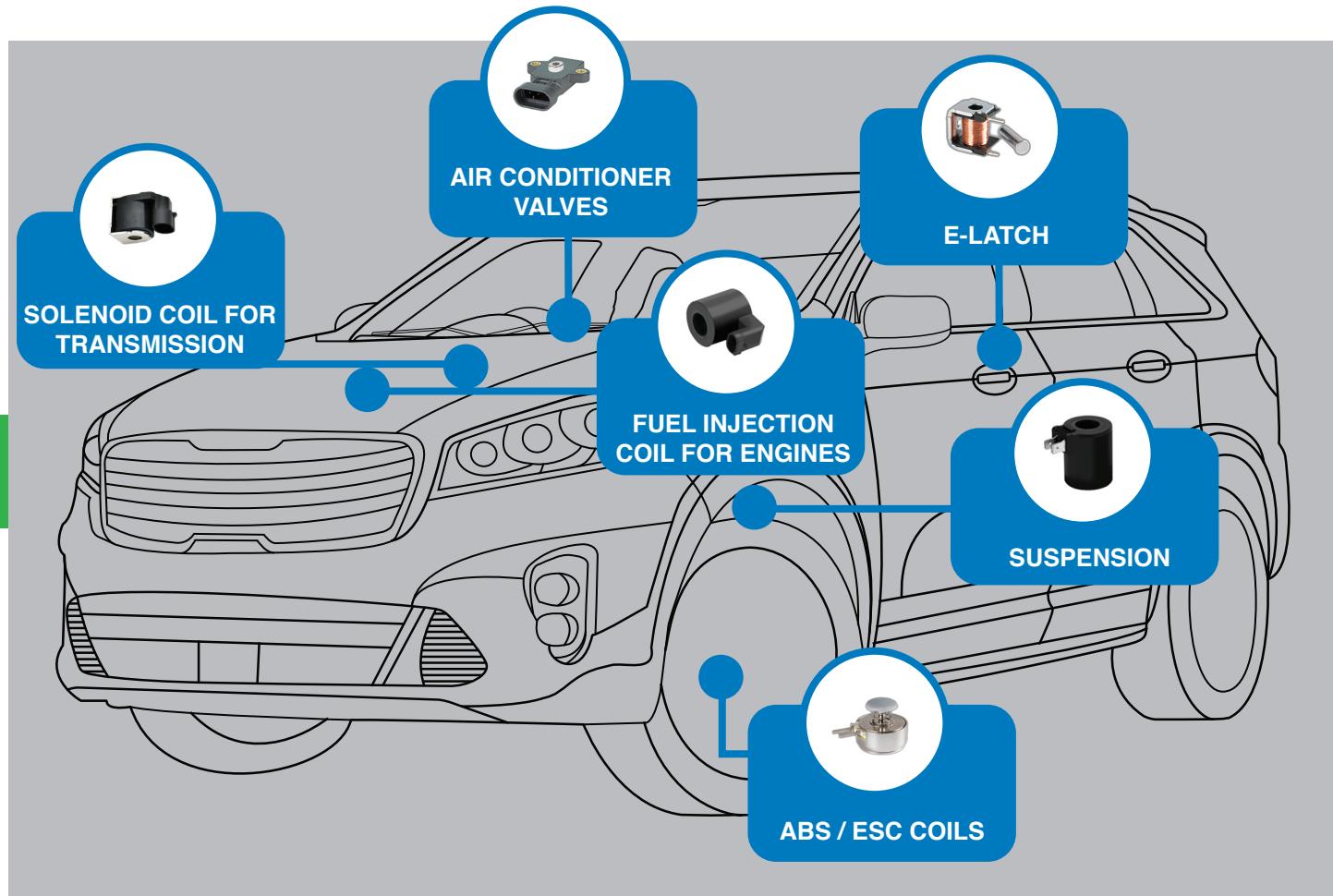
ACTUATORS APPLICATIONS

- Electronic Throttle Control
- Turbocharger Wastegate Control
- HVAC Airflow Management
- Headlamp Positioning
- Seat Adjustment Systems
- Active Grille Shutters
- Battery Cooling Systems
- Transmission Shift Actuation

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Operating Voltage	12 V / 24 V (custom options available)
Torque Output	0.5 – 10 Nm
Response Time	< 100 ms
Duty Cycle	Up to 100% (continuous operation)
Operating Temperature	-40°C to +125°C
Protection Rating	IP65 / IP67 (sealed options available)
Interface Options	CAN / LIN / PWM / Analog
Life Expectancy	> 1 million cycles
Mounting Options	Flange, Bracket, or Custom

ACTUATORS APPLICATIONS



CERTIFIED QUALITY SYSTEM



Driving trust in actuators components

In the fast evolving world of electric mobility, the quality of every component is critical. A Certified Quality Management System (QMS), is not just a formal requirement; it is a foundation for trust, performance, and long term reliability.

- **Consistency and Reliability**

A certified QMS ensures that every process, from design to production, is clearly defined, controlled, and continuously improved.

- **Compliance with Industry Standards**

Certified systems align with global regulatory and safety standards, ensuring that all Actuators are suitable for use in international markets and meet the expectations of OEMs.

- **Risk Management and Traceability**

Full traceability across the supply chain allows for efficient quality control and fast response in case of any issues.

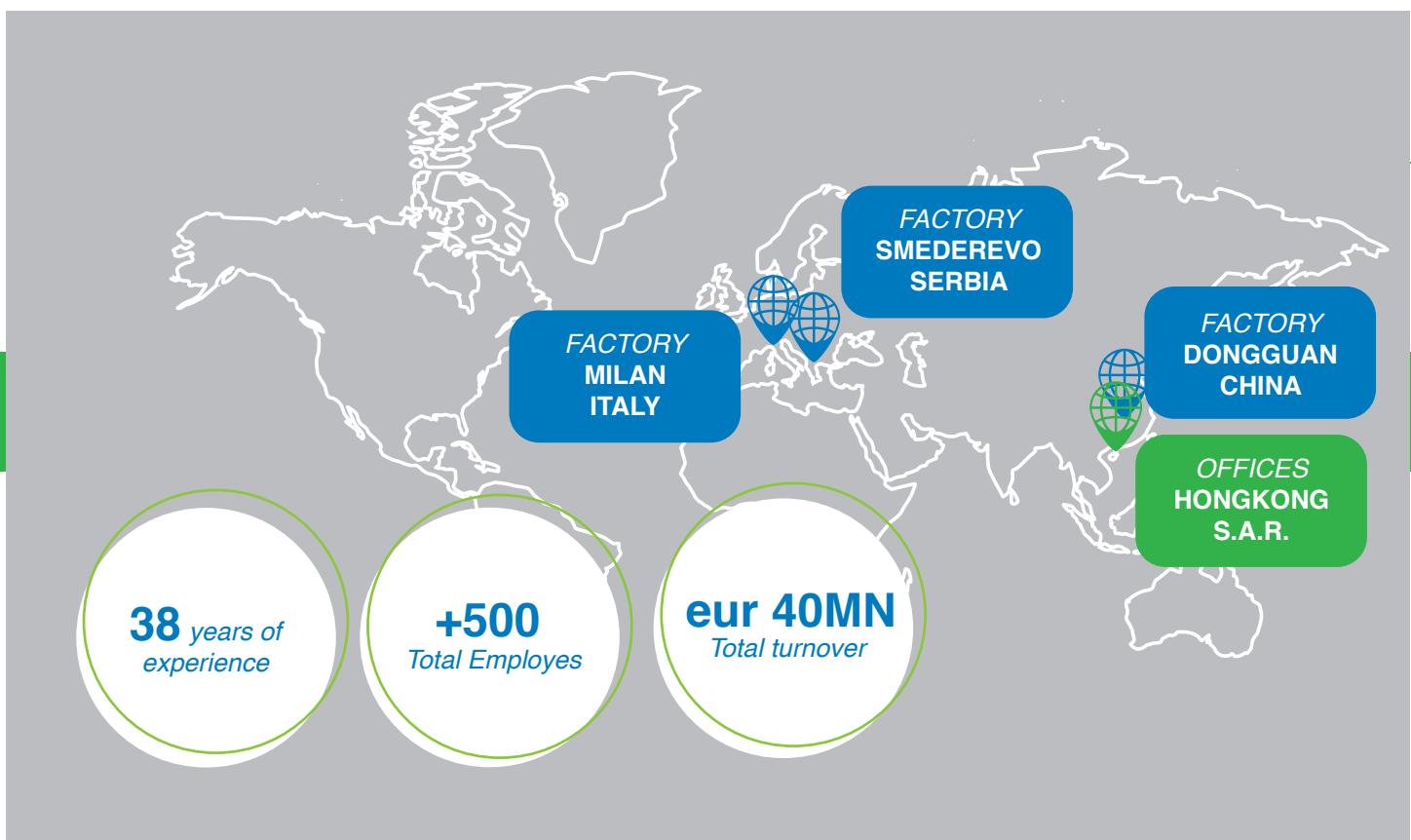
- **Customer Confidence**

Certification demonstrates a company's commitment to quality, safety, and continuous improvement. It builds trust with automotive partners, end users, and regulatory bodies.

- **Product Innovation with Assurance**

A structured quality framework supports innovation while maintaining high safety and performance standards vital in the development of next generation charging technologies.

OUR COMPANY IN NUMBERS





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