



Sensata **EL**

# Contactor Portfolio

High-safety sealed solutions for your power switching needs



# Reliable, Energy-Efficient Solutions for a Cleaner Future

Sensata's Gigavac contactors provide mission-critical high-voltage components designed to power the next generation of electric vehicles and industrial equipment. Our advanced solutions are engineered for reliability and efficiency across diverse industries and applications.

## Advanced Technology:

- Full bi-directionality
- High power (1500V+, 1000A+) and break capability
- Proprietary sealing techniques for unmatched safety

## Highly Configurable:

- Vertical / horizontal mounting options
- Multiple aux. and coil options (incl. PWM)
- Normally open / closed variants
- Square and round form fits with various connector options

## Best-in-Class Engineering Support:

- Dedicated engineering support team
- Advanced technical support platform and knowledge base
- Extensive guidance in the electrification ecosystem

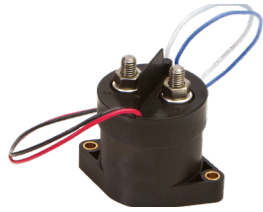
## Comprehensive Electrification Product Portfolio:

Supports contactors with a range of related products

- Fuses
- Pyrotactors
- Insulation monitoring devices (IMD)
- High-precision current sensors

## Sealing Technology Options:

- Ceramic-sealed
- Epoxy-sealed
- Glass-to-metal-sealed

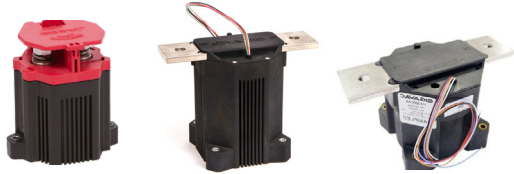


## GV Series

Commercial Contactors



- 12V to 1000V
- Up to 600A
- Ideal for High Volume Applications
- Options for bi-directionality



## HX Series

High Voltage Contactors



- UL Recognized up to 1500V
- Tested up to 3000V
- Up to 1000A Continuous Duty
- Up to 10kV withstand between open contacts



## SGX Series

Low / Medium Power Contactors



- Up to 1000V / 150, 250, 400A
- Hermetically sealed & rated up to 175° C
- Compliant with UL, IEC 60664-1 and RoHS
- High current breaking capability 2.5kA at 400V, 2kA at 800V (SGX250)
- Fully bi-directional versions



## GX/MX Series

Specialized Contactors



- 12V to 800V
- Up to 1000A Continuous Duty
- Options for Integrated Sensing and Military Applications

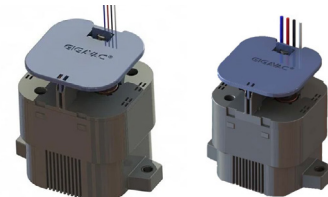


## High Voltage Fuses

Short Circuit and Overcurrent Protection



- Passive and Active Versions
- Up to 1000V
- Fast Acting, <3ms Clear Time
- No Thermal Aging



## GTM Series

Bidirectional Contactors



- Up to 1500 Vdc, 400A/500A
- Hermetic seal exceeds IP67-69, no exposed arcing
- High efficiency DC Coils (dual coil)
- Full bi-directionality
- Strong short circuit performance with no rupture or fire risk



# Sensata EL

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### About us

Sensata Technologies is a global industrial technology company striving to create a safer, cleaner, more efficient and electrified world. Through its broad portfolio of mission-critical sensors, electrical protection components and sensor-rich solutions, Sensata helps its customers address increasingly complex engineering and operating performance requirements. With more than 19,000

employees and global operations in 15 countries, Sensata serves customers in the automotive, heavy vehicle & off-road, industrial, and aerospace markets.

Learn more at [sensata.com](https://sensata.com).