

Sensata Technologies Introduces the SGX Series Contactors for Material Handling, Energy Storage Systems, and DC Fast Charging Applications

2024-06-13

- The SGX family with SGX150, SGX250, and SGX400 contactors can handle applications up to 1000V and 150 / 250 / 400 Amps respectively.
- The SGX contactors offer excellent performance and a square form factor, optimal for Automated Guided Vehicles (AGV), forklift, and other industrial applications, residential energy storage systems, and DC fast charging.
- The SGX Series will be first revealed at the Battery Show in Europe, June 18 – 20, 2024 in Stuttgart, Germany.

SWINDON, United Kingdom--(BUSINESS WIRE)-- **Sensata Technologies** (NYSE: ST), today announced the launch of its **SGX Series – the SGX150, SGX250 and SGX400 contactors**. These new series of contactors complement the existing portfolio with solutions ideal for low-power applications that require reliable switching and efficient design like residential energy storage systems, DC fast charging stations, and industrial applications such as electric forklifts and Automated Guided Vehicles (AGV). The new SGX series utilize ceramic to metal weld technology with several advantages:

The SGX contactors offer excellent performance and a square form factor, optimal for Automated Guided Vehicles (AGV), forklift, and other industrial applications, residential energy storage systems, and DC fast charging. (Graphic: Business Wire)

- Hermetically sealed for optimal breaking capabilities
- Usage up to 175°C with effective handling of over-current

conditions

- Gas backfilled (primarily hydrogen) resulting in low and stable contact resistance
- Tailored to residential Energy Storage Systems (ESS), DC fast charge, industrial AGV / forklift applications

- Complies with IEC 60664-1 and RoHS standards
- UL certified by early Q3 2024

The SGX series offers optimal breaking capability for applications up to 1000V and 150 / 250 / 400A continuous current carry respectively, with an efficient design, effective and reliable switching, longevity, and a square form-factor.

“Launching the SGX Series represents a significant advancement in our contactor portfolio, offering hermetically sealed square form factor contactors with ceramic brazing and gas backfill that is tailored for low-power applications at superior performance-to-cost ratio,” said Dan Goncalves, Vice President, Clean Energy Solutions at Sensata Technologies. “Sensata Technologies’ reliable technology and adherence to industry standards paired with the efficiency of the SGX Series reaffirms Sensata's commitment to providing reliable and efficient solutions for residential energy storage, DC fast charging, and industrial applications such as forklifts and AGVs.”

The series will be showcased for the first time at **The Battery Show Europe** in Stuttgart, Germany from June 18 - 20 at Sensata’s booth #10-D40, along with the rest of Sensata’s portfolio of market-leading high-power contactors that can go up to 1500V and 1000A, smart disconnect devices, high power fuses, ISO 26262 certified battery management systems, and rapid response insulation monitoring devices.

About Sensata Technologies

Sensata Technologies is a global industrial technology company striving to create a cleaner, more efficient, electrified and connected world. Through its broad portfolio of sensors, electrical protection components and sensor-rich solutions which create valuable business insights, Sensata helps its customers address increasingly complex engineering and operating performance requirements. With more than 19,000 employees and global operations in 16 countries, Sensata serves customers in the automotive, heavy vehicle & off-road, industrial, and aerospace markets. Learn more at www.sensata.com and follow Sensata on [LinkedIn](#) , [Facebook](#) and [X](#) and [Instagram](#) .

Media Contact:

Leila Beardsmore

+1(805) 452-2165

leila.beardsmore@sensata.com

Source: Sensata Technologies