TeSys™ Giga Motor Starter Ranges

Next-generation series with digital innovation

New design with upgraded functions. Smarter, simpler, and safer.

TeSys Giga series has been reimagined with the latest smart technologies to deliver a simpler, more sustainable, safer, and secure customer experience for panel builders, consulting engineers, system integrators, facility managers, and original equipment manufacturers to further build on proven reliability and high electrical durability.

TeSys Giga series motor starters are designed to serve the needs of the process machinery, water and wastewater, metals, minerals, and mining, as well as various manufacturing and processing industries.

Up to
90%
improved reliability

Up to
50%
faster integration

Requires
40%
less cabinet space

Benefits

- New generation high power contactors 115-800 A (AC-3) and 250-1050 A (AC-1)
- Modular design with 40% size reduction
- Improves equipment reliability and robustness by up to 90%
- Fewer product references for easier selection and reduced inventory
- Equipped with wideband AC/DC coils, with direct or PLC control
- Complemented by electronic overload relays 28-630 A
- Maximizes resilience and uptime with self-diagnosis indicators and end-of-life notifications

se.com/tesys

Life Is On | Schneider Electric

TeSys Giga series motor starters

Tesys Giga series reduces engineering time and complexity, improves machine reliability and uptime, while driving down maintenance costs through several unique features:

Advanced and standard versions – suit different customer needs, providing flexibility of choice.

Modular design – enables easy replacement of spare parts to improve the reliability and robustness by up to 90% with up to 50% faster integration and commissioning time.

Compact footprint – 40% product size reduction supports optimal cabinet installation space.

Self-diagnosis – achieve predictive maintenance with unique calculations to better diagnose and detect: contact wear, tips wear level, coil under/overvoltage, internal fault, and contactor open and close status. This feature significantly maximizes resilience and uptime for an efficient site operation.

Full-scale protection – initial settings provide a safer journey when it comes to overload relay protection, including trip class selection, ground fault protection, and phase imbalance protection.

QR codes – easy and quick access to technical documents, video guides, and counterfeit safeguards to help improve the customer's digital experience.

Highly reliable within harsh environments – improved auxiliary contacts (17V,1mA,10^{-8}) enable better reliability in harsh environments and conform to high-density PLC input applications.

Motor starters – assembled with LR9G electronic thermal overload relays, these starters are compact in design, and direct mounting of overload relay saves space and installation time.

EcoStruxure™ Motor Control Configurator

Find the best motor control solution for any application with the options to:

- Build your motor starter configuration with different solutions
- Complete offer base suited for different countries
- Easily select and replace complex paper catalogs
- Convert into Bill of Materials by adding the products to the cart
- Save and re-work your configurations
- Directly access product documentation in one place

Scan to learn more

se.com/tesys

Life Is On Schneider Electric

Schneider Electric
35 rue Joseph Monier
92500 Rueil-Malmaison, France
Tel : +33 (0)1 41 29 70 00

• 998-21519960_GMA