

SC9000™ GP

General purpose medium-voltage adjustable frequency drive

Reliability meets simplicity



Eaton's SC9000™ GP combines innovative technology with simplified design and construction, system flexibility, and ease of use to help customers support energy-efficiency and reliability in commercial and industrial applications. The SC9000 GP successfully completed a highly accelerated life test (HALT) that simulated 20 years of normal operation demonstrating that it is designed to provide the same high level of reliability as the award-winning SC9000 EP drive while offering a reduced up front investment.

The addition of the SC9000 GP to Eaton's robust SC9000 series of drives allows customers to choose between three levels of medium voltage motor control each with design flexibility to be configured to meet specific project needs.

Features

Tested to both Underwriters Laboratories (UL) and Canadian Underwriters Laboratories (cUL) standards, the SC9000 GP provides a highly adaptable solution for reliable performance to keep operations running safely and efficiently, with features that include:

- Remote transformer mounting — helps reduce footprint and enhances flexibility with heat generation
- Wheeled inverter section — helps ease maintenance and inspection by providing quick accessibility
- Three-level neutral point clamped (NPC) inverter topology — reduces the number of power switching devices in the inverter, improving reliability by reducing the overall components needed
- Redundant cooling system — enhances system reliability
- Optional Ampgard® feeder and bypass

Benefits

The SC9000 GP's enhanced design and simplified standard configuration bring a host of benefits for any operation:

- High reliability with simplified design and standard-equipped redundant cooling technology
- Ability to achieve energy savings while reducing downtime
- Maintenance free for up to 10 years ①
- Decreased investment due to reduction of components needed and redundant part avoidance
- Reduced lead times resulting from the robust pre-engineered, simplified standard configuration
- Minimized total cost of ownership and quick delivery for efficient project management
- Ability to shift from low voltage to medium voltage drives for applications at lower power ranges

① Performance varies by air quality.

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Powering Business Worldwide



Redundant Fans

A simplified design and the addition of a standard-equipped redundant cooling system help minimize total cost of ownership and maximize reliability.



The versatility of this drive is such that it can be used by a wide variety of industries, from oil and gas, HVAC, and water/wastewater to data centers, airports, healthcare, and educational facilities and more.

For more information on Eaton general purpose medium frequency drive visit Eaton.com/SC9000 or call 1-877-ETN-CARE, option 2, then option 7.

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