



SIEMENS

Industry Services

Repair services for electric motors and converters



Technology-based services for a greater competitive edge

Minimum downtime and the optimum use of staff and resources are key to sustainable success in industry. Siemens provides the basis for greater productivity, flexibility, and efficiency with technology-based services throughout the lifecycle of an industrial plant – reliably, globally, and around the clock. In-depth technology and product knowledge as well as industry expertise within Siemens' global network of experts ensure a considerable competitive edge.

The challenge:

Rapid assistance in an emergency

The failure of a large electric motor or converter calls for rapid and comprehensive help. And older motors require more than just a repair service and spare-part management: Additional energy optimization measures are frequently required to equip them to meet today's competitive requirements.

In order to be able to offer comprehensive support, a global network of service centers that provide the shortest possible repair times is needed in addition to trained field services personnel.

Answers for industry.



The solution:

All-around service for electric motors and converters

Siemens Industry Services provides customized services for electric motors and converters that ensure high cost efficiency and smooth-running production processes. These services encompass all required maintenance measures, and also include support with planning, installation, and startup. Thanks to comprehensive consulting, these services are perfectly matched to individual requirements. Siemens Industry Services performs all work exclusively in its own workshops or at those of certified partners.

The all-around service for electric motors and converters covers:

- Three-phase machines
- Three-phase servo machines
- High-voltage machines
- DC machines
- DC servo machines
- Emergency generating sets
- Generators
- Special-purpose machines
- Circuit breakers
- Frequency converters
- Lubrication and cooling systems
- Mechanical components (couplings, gearboxes)



The portfolio of services from Siemens Industry Services includes:

- Inspection, measurement, checking, evaluation, documentation, consulting
- Maintenance in situ or in the service shop with replacement of wearing parts and mechanical and electrical fault diagnosis
- Removal and installation of machines, laser-optical alignment, and startup
- Special cleaning and drying processes
- Repair of laminated stator and rotor cores, including rewinding
- Measurement of partial discharge, loss factors, and oscillations, thermography, frequency analysis, oil analysis, fault diagnosis, and special testing
- Installation of diagnostic equipment for the continuous recording of operating and condition data, trends, and causes of faults at constant and variable speed
- Mechanical and electrical load tests and simulations
- Spare-part packages, spare-part supply, and stock management
- Reconstruction and upgrades of electrical machines and components
- Collection, delivery, and tool supply

The benefit:

All services from a single source

As an experienced and reliable partner for the maintenance of electrical machinery, Siemens provides a single source of supply for all services. This simplifies your processes and facilitates access to services and spare parts. It also reduces and optimizes repair times, and plant availability is also sustainably increased.

The information in this data sheet contains general descriptions of the technical options and features available and may not always apply in individual cases or may be changed as a result of continuing product development. Performance features are binding only if expressly agreed upon by contract.

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Order No: E10001-T480-A244-V2-7600 |
Dispo No: 21638 | K No: 20344 |
Printed in Germany |
TH 241-120684 | DB | 09132.0
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