MV3000 – Converter Replacement Fan

Extend lifetime of the cooling system and reliability of your drive

POWER CUBICLE COOLING FAN

GE is constantly looking for new product features that benefit our customers to improve reliability and availability of their assets.

The MV3000 fan panel assembly provides essential forced air flow cooling in the drive cubicle.

To keep the power cubicle of Wind turbine generator converters within the optimal temperature we use an assembly of three fans operating together which provide air flow while the drive is in operation. If one of these fans shuts down, the risk of downtime due to overheating is a threat to the turbine's operation, reflecting directly on repair expenses.

HELP MINIMIZE RISK OF FAILURES AND IMPROVE EQUIPMENT LIFETIME

GE have developed a new enhanced cooling fan with hybrid bearing system which protects from external influences, avoiding bearing currents.

Replace your MV3000 converter fans with our fit form function enhanced fan against risk of overheating and increases the lifetime of your MV3000 converter cooling system.

BENEFITS OF FAN REPLACEMENT

- **Low risk Replacement:** The fan is a fit form and function replacement
- **Extended lifetime:** Hybrid bearings offer greater protection from external influences.
- **Reduced heat build up:** Designed to minimize circulating current
- **Helps converter to keep running :** Reduces unplanned downtime due to single fan failures

*GE part number for the new enhanced fan is **PC000468953**, this replaces fan 98101/167 (MPN), PCRKX0013753 (Spares number).*

Fan Isolation Kit upgrade (Above reference picture) is also available to improve lifetime of your cooling system. Refer to Factsheet GEA34227.

FIELD SERVICE SUPPORT

All Drive upgrade and maintenance site work performed by GE engineers. Engineer will perform and record performance of the drive according to a prescribed schedule followed by testing & recommend upgrades to make sure normal drive operation

Contact us:
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