GE VERNOVA

FACT SHEET

SD7 VARISTOR & FUSES REPLACEMENT

A vital replacement solution to safeguard your SD7 drives from high voltage surges

Replacement solution

High voltage surges are one of the critical incidents of an electrical system which causes significant damages. This may be due to electrical overload, faulty wiring or restoration of power after a blackout. Varistors and fuses are vital components to help protect your drive system from such high voltage surges.

The properties of varistors & fuses may get affected by fluctuating environmental conditions. Hence Power Conversion & Storage (PCS) - a GE Vernova's business recommends to go with this vital replacement solution in every 10 years to protect your drive.

How do we do ?

Step 1	Dismounting the old varistors and fuses.
Step 2	Fixing the new parts.
Step 3	Testing the converter with insulation tester to verify cabling and parts before switching on.

Once done, propulsion is energized at the end of the maintenance to make sure whether the system is fine.

Salient points

- *It is applicable to SD7 drives.*
- *Field Service Engineer (FSE) completion time on site will be 2 FSE days/drive.*
- *PCS recommends to do this replacement in every 10 years.*

Varistor and fuses of SD7 drives

Benefits

- Safety of power electronic components.
- Avoids failures related to aging of varistors or fuses.
- Protects the system from over voltages.

PCS services for a lifetime

PCS offers bespoke service support in the form of spares and replacement parts, onsite and remote technical support, maintenance services, upgrades, customized trainings and service agreements aimed at supporting customers based on their unique needs.

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