



# MV3000 Delta Module Retrofit

Retrofit your legacy power modules to the latest MVD500 series

## MV3000 VARIABLE SPEED DRIVES RETROFIT

Retrofit modernisations increase the life of your equipment and are often more economical than replacing an entire drive or drive system. The MVD500 is an AC Inverter power module for use in an MV3000 variable speed drive system for the control of AC motors. GE Field Service team are replacing legacy AC transistor bridge air cooled delta modules (MVD300-4601, MVD300-4602, MVD282-4501, MVD377-4501) with the MVD500-4501 (900V) and MVD500-4701 (1200V) 500A AC transistor bridge modules.

## FIELD SERVICES ENGINEERING

All upgrade and maintenance site work is performed by GE certified field service engineers. As part of their normal service work the engineers will:

- **Perform and record work** according to a prescribed schedule followed by testing to ensure normal drive operation
- **Identify any safety critical issues** – safety critical problems will be brought to the customers' attention immediately and a resolution proposed. GE will provide prioritised despatch of parts needed to resolve such issue and if necessary the Field Service Engineer will remain on site or return to site to supervise the solution.
- **Identify operational critical issues**– reduction in performance or critical items affecting reliability will be brought to the customers' attention and recorded in a report.
- **Audit and record the customers spares** for the drive
- **Provide a list of critical spares** the customer should consider holding
- **Suggest details of obsolete parts** that the customer may wish to plan to replace.
- **Propose upgrade packages** appropriate to the customers equipment and circumstances



## GE SERVICES

GE Power Conversion offer a comprehensive range of services including:

- Replacement Parts & Repair Services
- Preventative "Performance" Maintenance (Annual)
- Preventative "Major" Maintenance (once every 5 or 10 years)
- Multi-year Service Agreements
- Retrofits, Refurbishments and Upgrades
- Training services

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## MVD500 MODULES

MVD500 IGBT based transistor bridge power module fits in the standard air cooled delta mounting frame on 250mm (9.8") Pitch.

## TECHNICAL DATA

Max. Current	550A AC RMS
Cooling	Air Cooled
Supply Frequency	45 – 63 Hz
Output Frequency	0 – 200 Hz
Voltage	Up to 525V AC (for MVD500-4501) Up to 690V AC (for MVD500-4701)
Max. Nominal Internal Voltage	900V DC (for MVD500-4501) 1200V DC (for MVD500-4701)

## DIMENSIONS

Width (mm)	246
Depth (mm)	578.5 (including DC Shroud)
Height (mm)	875
Weight (kg)	71

