



# EARTHING FOR SAFEGUARDING

### SAFEGUARD YOUR MACHINE AND LIFT WITH PROPER EARTHING. IMPROPER EARTHING WILL RESULT IN:



Malfunctioning of Elevator



Damaging of Microprocessor card in controller



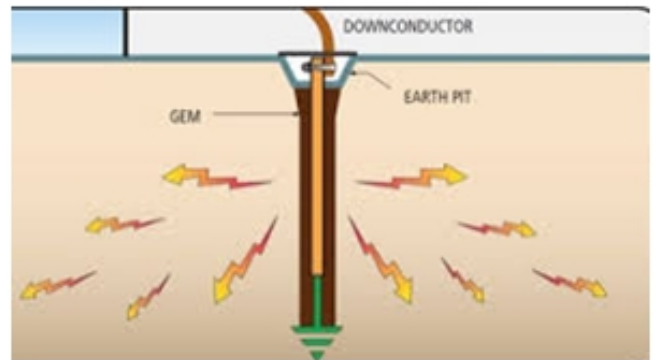
Damage of VVVF drive

There are number of good reasons for earthing but primary reason among them is to ensure personnel safety.



The purpose of a ground is to provide a safe path for the dissipation of Fault currents, lightning strikes, static discharges, EMI and RFI signals and Interference.

### ENSURE PROPER EARTHIN



A separate Earthing should be provided for the lift & The voltage between EARTHING and NEUTRAL should be less than 3 Vac in any condition.

### ENSURE MINIMUM AT TWO POINTS

Minimum two separate uninterrupted low impedance earthing conductor (Copper, Galvanized steel of size minimum 6-10 sq. mm) direct from earth Busbar should be connected to the machine at two different points.

Green star from Bharat Bijlee is a new generation gearless machine for elevators- Powered by permanent magnets.



#### GREENSTAR

Available in capacity of 6 passengers (408 kg) to 20 passengers (1360 kg)



#### GREENSTAR MINI

Suitable for Home Elevator with 300 kg load lifting capacity.



#### GREENSTAR MAX

Available in capacity of 1.6 ton, 2.0 ton and 2.5 ton suitable for Goods lifts.

For sales Enquiries please contact [mtmsales@bharatbijlee.com](mailto:mtmsales@bharatbijlee.com) or 022-2763 7466

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