

EARTHRINGS™ Premium

2-in-1 Solution

Our newly Patented "Earthrings Premium" is the gold standard in shaft grounding technology.

It is a 2-in 1 solution, that offers better Protection, Longer Life, and more Reliability than any other shaft grounding technology on the market today.

All Shaft grounding devices are exposed to grease/oil from electric motor bearing housings. This exposure accounts for the majority (99%) of damaging contamination, especially when it is mixed with air contamination thereby making it more abrasive and sticky.

This grease/oil can increase through time so that after a short while contact with the shaft is greatly reduced or completely stopped.

Grease destroys Carbon brushes!



Carbon Brushes in Grease:

- 1) All Carbon Brushes are exposed to Motor Grease
- 2) Grease absorbs into the porous Carbon Brush.
- 3) Grease combines with other contaminants in the air.
- 4) Grease contaminates the Spring Mechanism

The Solution: ** Earthrings Premium **

EARTHRINGSUSA
VFD ELECTRIC MOTOR BEARING PROTECTION

Call Toll Free: +1(800)7588412
www.earthringsusa.com

EARTHRINGSUSA

VFD ELECTRIC MOTOR BEARING PROTECTION

World Leader in Shaft Grounding Technology

NEW



"400% increase in Reliability"

EARTHRINGS™ Premium

Catalogue



LV Earthings™

Our LV Earthing is the #No 1 Best Selling VSD Bearing Protection Ring in 15 Countries internationally. Designed for the harshest environments' and mines' and tested in some of the best known and largest blue-chip companies around the world, with a 100% Performance record at every factory. Earthings LV is for motors from 0.75 kw to 400 kw.



HV Earthings™

High Voltage Earthings are custom made for all large electrical motors rated above 400kws or 600 volts. They are 6.5mm thicker than the LV Earthings, have 3 x more fiber, use different materials and are custom manufactured to the exact specifications of each electrical motor taking all factors into account such as the KW, Amps, Rpm, Volts, Shaft size etc.

These exact specifications are necessary due to the considerably higher shaft currents as well as higher costs of these larger motors.



e-Earthings™ - NEW (Launches 2026)

With a world first electronic shaft grounding ring , whereby the electronics are built into each e-Earthring and are able to monitor and display the shaft voltages as well as warning signals in real time .

e-Earthings also insures extremely low shaft grounding voltages (unmatched by any other solutions on the market today) on large electric motors above 400kw , due to a new shaft grounding technology.

The best solution for large electric motors, Wind Turbines and Generators.

- World First Built -in electronic Shaft grounding ring display.
- Electronic display of real time shaft voltages.
- Warning display of high damaging voltages.
- Warning display when cartridges need to be replaced.
- Replaceable Cartridge System- ring not replaced.
- Lifetime costs reduced.
- Permanent solution- only cartridges replaced not the ring (Large cost savings).
- Can run in most oil and grease environments.
- 1st and only complete solution for Wind Turbines.
- Is a New form of shaft grounding contact technology.

LV ARC

A revolution in shaft grounding technology, changing the industry forever. The LV ARC is an adjustable shaft grounding ring that allows the customer or agent to always have stock on hand from 2 HP to 500HP (1,5 kw to 400kw) with the use of only 5 Earthings.

Benefits:

- Customer or agent always has stock readily available 24/7 .
- Compensates for any shaft diameter measurement errors.
- Unique Gold Booster fibres 8 x more conductive.
- Best Warranty in the Industry.



HV ARC

The HV ARC is also a revolution in the industry, The HV ARC is an adjustable shaft grounding ring that allows the customer or agent to always have stock on hand and it is the first ready made off the shelf HV shaft grounding ring . No waiting , no excessive pricing.

Benefits:

- Immediately available – no waiting
- Lower pricing - as is a shelf item .
- Fibres over designed for Extra conductivity.
- Stronger housing for harsh HV applications
- Solid HV Universal Brackets included
- Gold Booster fibers - 8 x more conductivity



Earthings™ Premium (2-in-1 Solution)

Our newly Patented "Earthings Premium" is the gold standard in shaft grounding technology.

It is a 2-in-1 solution, that offers better Protection, Longer Life, and more Reliability than any other shaft grounding technology on the market today.

Our "Earthings Premium" ring uses a built in PTFE seal that protects the fibres from excessive grease and oil released from the electric motor bearing housing. Ensuring 99% protection if fitted on the outside and 100% contamination free protection on the inside of an electric motor.

