

(800) 808-2131 worldwideelectric.com

# **Grounding Ring Installation**

### For WorldWide Electric Open Drip Proof Motors

#### **Required Parts**

- 1. Grounding Ring, 1 PC
- 2. Mounting Clips, 3 PCS
- 3. 10-24 x 1/4" screws, 3 PCS
- 4. M3 screws, 3 PCS

#### **Required Tools and Equipment**

- 5. Clean, dry rag
- 6. Phillips head screwdriver



Figure 2 Grounding Ring

Figure 1

Pre-drilled and

tapped holes

### **Safety considerations**

## Ensure the following before beginning the work as outlined in this guide:

- 1. Electricity must be disconnected from the motor.
- 2. The motor must be decoupled from any driven equipment.
- 3. Ensure the work area is free from debris, dust, or other contaminants.

#### **Instructions**

- 4. Uncrate motor and remove plastic bag from motor.
- 5. Remove plastic shaft sleeve and key from shaft.
- 6. Wipe the shaft clean of the rust inhibitor.
- 7. Install mounting clips onto grounding ring using the three (3) M3 screws, and then line up to pre-drilled and tapped holes (Fig. 1) on DE end bell.
- 8. Mount the grounding ring using the three (3) 10-24 x 1/4" screws. Loosely secure so that the grounding ring can be centered on shaft (Fig. 2.) Make sure the fibers are not running into the keyway of the shaft.
- 9. Tighten 3 mounting screws in DE end bell. (Fig. 3)
- 10. Install in application and make sure that the motor is properly grounded.





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