

## AC6815 Capsule Slip Ring Assembly

### Proper Use and Mounting Instructions

#### Shaft mounted units:

1. Position the slip ring in the desired location and equally tighten both set screws (6-32 x .50 supplied) to the shaft on each end of the unit. Maximum torque 25 lb-in. (**DO NOT OVER TORQUE**)
2. Route the wiring and make the necessary connections. Do not allow the wiring to restrict free rotation of the slip ring. Do not constrain wiring such that wire flexing (cold working) occurs. Doing so will ultimately cause failure (breakage of the wiring).
3. Position a 5/16" (max. dia.) screw or dowel (**NOT SUPPLIED**) in the anti-rotation tab to the 2.45" dimension as shown.

#### Flange mounted units:

1. Align the mounting holes in the flange to mounting base and install flat washers and thread forming screws (**NOT SUPPLIED**) for plastic. Securely tighten screws.
2. Route the wiring and make the necessary connections. Do not allow the wiring to restrict free rotation of the slip ring.
3. Position a 5/16" (max. dia.) screw or dowel (**NOT SUPPLIED**) in the anti-rotation tab to the 2.45" dimension as shown.

**CAUTION:** Because of possible geometric mismatching between the customer's application and the slip ring, "hard mounting" of both ends of the slip ring (i.e., securing the rotor and stator such that there is NO floating during operation) is not recommended and may cause premature failure.

