

INSTALLATION GUIDE

AC4598 Capsule Slip Ring Assembly (also covers 4831 series parts)

Proper Use and Mounting Instructions

Shaft mounted units:

1. Position the slip ring in the desired location and tighten both set screws (6-32 x .50 supplied) to the shaft. 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 mounting screws (NOT SUPPLIED). 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.

