Installation Instructions for JG-BUS-TB, Busbar Adapter Kit to Mount Eaton's JG Molded Case Circuit Breaker Frame to 60 mm Classic Mounting System

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WARNING
DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH OR SEVERE PERSONAL INJURY CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING.

Installation

1. Ensure all power is off.
2. Define whether the line or load end will be connected to the busbar.
3. Verify the alignment of the handle and escutcheon with the other breakers if applicable.
4. Break out the three round seals of the busbar adapter on either the line OR load end (Figure 1).
5. Locate the busbar adapter to the proper position horizontally along the busbar. Then tighten the three clamping screws to 8 N•m (5.9 lb-ft) (Figure 2).
6. Put the three cap screws and curved lock washers through the breaker terminals then slide the copper tube connectors onto the screws (Figure 3).
   **Note:** Each curved lock washer must be installed on the cap screw with its curvature facing the head of the screw.
7. Position the assembly on the busbar adapter and start the three screws (Figure 4).

Figure 1. Breaking Out the Three Round Seals on the Busbar Adapter.

Figure 2. Location of the Clamping Screws.

Figure 3. Installing the Cap Screws, Curved Lock Washers, and Copper Tube Connectors.

Figure 4. Starting the Three Screws.
8. Install the two breaker mounting screws and tighten to 0.7 - 0.9 N•m (0.51 – 0.66 lb-ft) (Figure 5).

9. Tighten the three terminal screws to 8 N•m (5.9 lb-ft) (Figure 6).
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