Installation Instructions for EG-BUS-B and EG-BUS-T, Busbar Adapter Kit to Mount Eaton's EG 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. Verify the alignment of the handle and escutcheon with the other breakers if applicable.
3. Verify the thickness of the busbar. For 5 mm (0.197 in.) thick busbars, the three black tabs on the back of the adapter should be pushed in. To push the tabs in, the opening of the “C” shaped mounting hangers need to be facing downward to have gravity rotate the shorter backing hooks into place (Figure 1). For 10 mm (0.394 in.) thick busbars, the black tabs need pried out with a small screwdriver (Figure 2).

![Figure 1. Location of the "C" Shaped Hooks (for 5 mm Busbars).](image1)

![Figure 2. Prying Out the Black Tabs (for 10 mm Busbars).](image2)

4. Locate the busbar adapter to the proper position horizontally along the bus bar. It will be locked into the busbar by the teeth of the black spring loaded cam. To remove the adapter, press in the black button on the bottom of the adapter (Figure 3).

![Figure 3. Pressing the Black Button on the Bottom of the Adapter.](image3)
5. Locate the breaker on the adapter with the three flat flexible shunts going into the breaker lugs (Figure 4).

6. Install the two breaker mounting screws and tighten to 1.1 N•m (0.811 lb-ft) (Figure 5).

7. Tighten the three breaker lugs screws to 5.6 N•m (4.13 lb-ft) (Figure 6).
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