

# BDFB / BDCBB -48V Input Bus Expansion Kit

## Model 007-0002-0010 Installation Guide

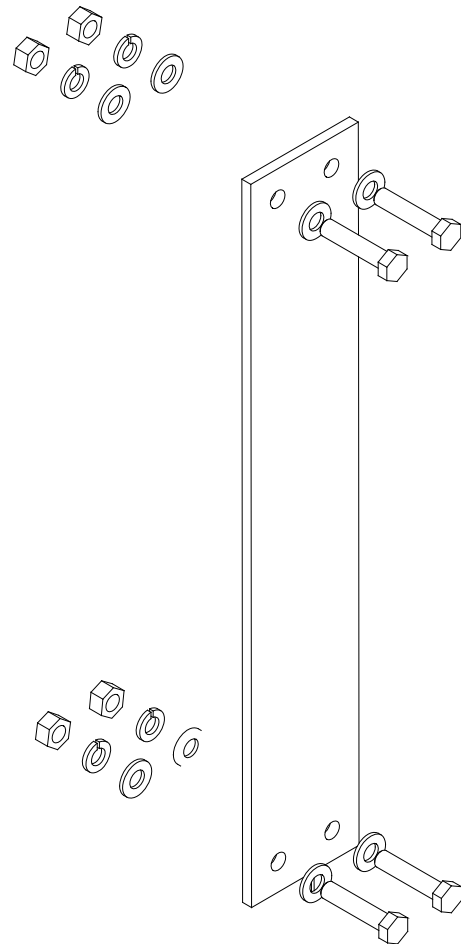
Telect's Model 007-0002-0010, -48V Input Bus Expansion Kit, fits Telect's BDFB / BDCBB.

Each kit extends one side of a dual-feed -48V input bus to an additional BDFB / BDCBB located above or below a previously installed input feed expander.

You need two expansion kits (one for Side A, one for Side B) for each additional BDFB / BDCBB. Telect's BDFB / BDCBB -48V Input Bus Expander Kit (007-0002-0012) must be installed before you install a -48V Input Bus Expansion Kit (007-0002-0010).

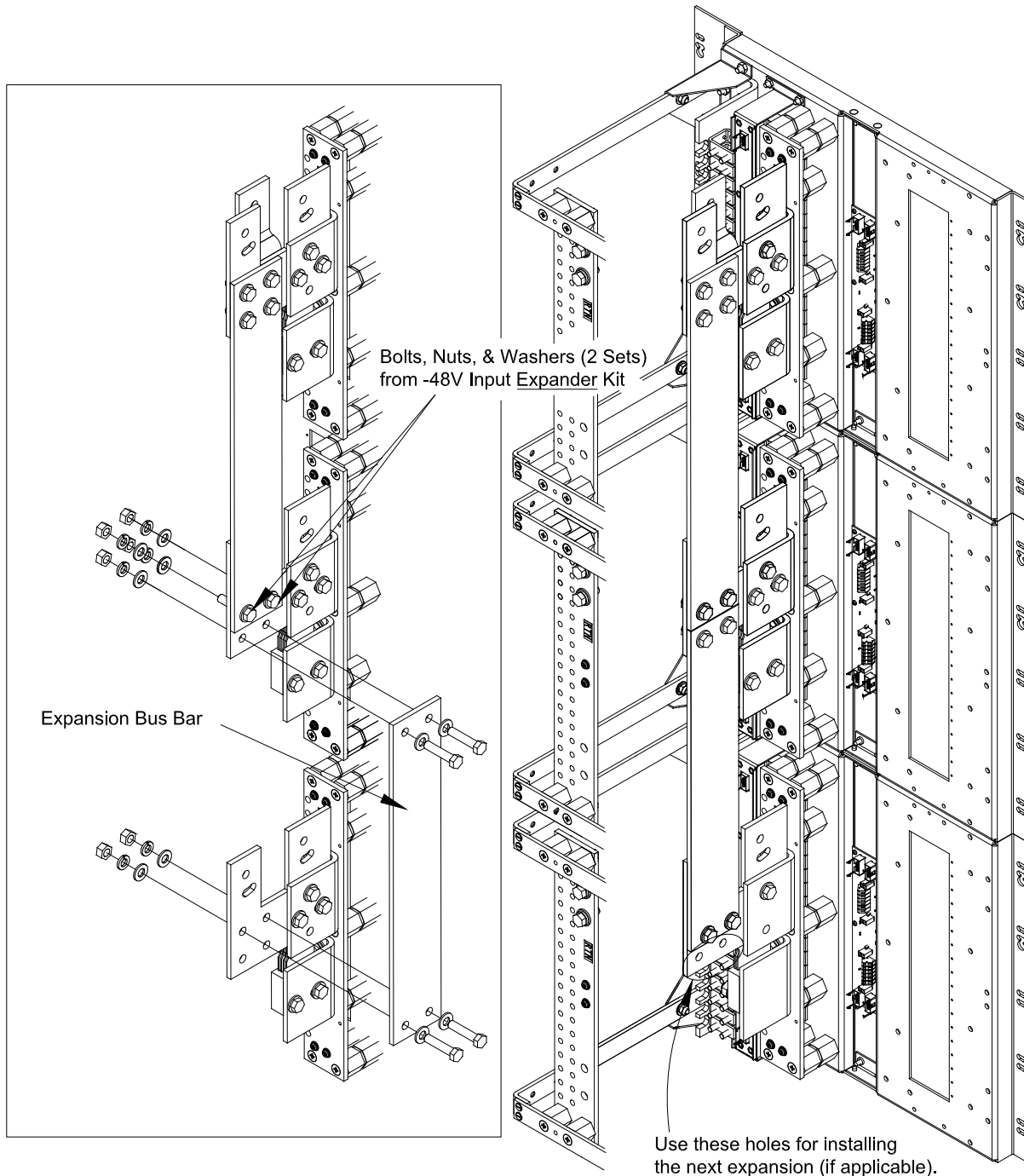
**NOTE:** The following instructions assume a top-down input feed. (See the BDFB / BDCBB user manual for details on bottom-up versus top-down input cabling.)

1. Make sure power is OFF.
2. Before installing a -48V input bus expansion kit, you must first install a -48V input bus expander kit on that side of the BDFB / BDCBB.
3. Remove nuts and washers (spring and flat washers) from the two, bottommost bolts from the previously installed expander kit mentioned in Step 2. (See Page 2 for location.)
4. Lightly coat the contacting surfaces of the bus bars, coupler, and terminal with anti-oxidant.
5. Attach the expansion coupler and bus bars with the supplied hardware.
6. Torque all fasteners to no more than 17 ft-lb (23 N•m).



**Figure 1 - Exploded View**

7. If applicable, after installing a pair of expansion kits, expand the -48V inputs to the next BDFB / BDCBB by installing another pair of expansion kits.



**Figure 2 - Installing -48V Input Bus Expansion (Side A Not Shown)**