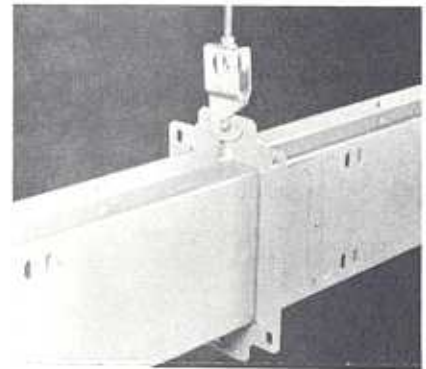
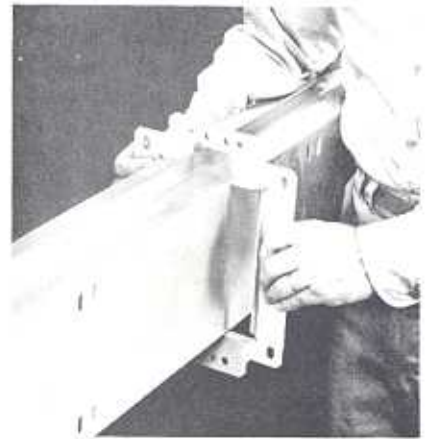


INSTALLATION INSTRUCTIONS FOR I-T-E BD® BUSWAY

To install I-T-E BD Busway, the following steps are recommended.

- 1) Install $\frac{1}{2}$ " drop rods on 5 ft. maximum centers.
- 2) Slide the hangers onto the busway as shown.
- 3) Attach the busway hanger to the drop rod by use of the adaptor bracket "UJ100". Drop rods and required hex nuts are not provided by Siemens. Each BD Busway section is marked with the word(s) "TOP" for proper orientation and ease of installation. For proper joint housing alignment, BD Busway sections must be joined with the straight bus bar ends connected to the offset bus bar ends.
- 4) Remove and retain at least one joint access cover and the (4) 8-32 hex head screws. Additional covers may have to be removed depending upon the busway ampere rating. On 3 ϕ , 4w busway remove and retain the 10-24 hex washer head screws from the neutral bars. On busway equipped with internal ground bar(s), the $\frac{1}{4}$ -20 hex washer head screws will have to be removed and retained.
- 5) Slide the busway sections together making sure that the bus bars overlap properly as shown. Bolt the housings together with the $\frac{1}{4}$ -20 hardware provided in the bag assembly.
- 6) Bolt the mating bus bars together using the 3/8-16x1" carriage head bolts and Belleville washer nuts provided. Torque all 3/8-16 hardware to 25 ft. lbs.
- 7) On 3 ϕ , 4w busway connect the neutrals using the 10-24x.62 hex washer head screws that were removed in step 3. Torque all 10-24 hardware to 30 in. lbs. On busway equipped with internal ground, connect the internal ground bars using the $\frac{1}{4}$ -20x.62 hex washer head screws that were also removed in step 3.
- 8) On ABDH and BDPH Cat. Nos., use the insulators provided in the Installation kit. Slide one insulator over each pair of bolted bus bars until the insulator snaps into the locked position.
- 9) Reinstall all joint access covers using the 8-32 hex head screws that were removed in step 3.



SIEMENS ENERGY & AUTOMATION, INC.

DISTRIBUTION & CONTROL DIVISION
SPARTANBURG, S.C. USA