

# Bus connector bolt specifications

Each bolt is installed with two flat washers, a split-ring lock washer, and a hex nut. Zinc plated to retard corrosion and installed with the proper torque, this hardware has a long history of satisfactory ...

Each Swaged Bus connector results in a superior mechanical, thermal and electrical connection for your substation needs.

\* Bronze alloy bolts shall have a minimum tensile strength of 70,000 pounds per square inch. \*\* Bolts, cap screws, nuts, flat washers, locknuts: 18-8 alloy. \*\* Belleville Washers: 302 alloy. \*\*\* Aluminum ...

After locating the proper line for the 3-inch pipe in the first column of the table, it will be seen that the connectors require four 5/8-inch-diameter bolts per conductor.

If the bus is copper-copper, then steel or copper bolts with lock washers may be adequate because the coefficients of thermal expansion are similar. If one or more bus is aluminum, then 1 or 2 ...

This document provides standard torque values for bolts used in bus connections. It lists torque values for different bolt diameters and materials, including heat treated steel, silicon bronze, stainless steel, ...

Standard Busbar Adapters without electrical connections include two connection clips. They are intended to form bigger platforms; for example: for reversing starters, starters with Smart Motor ...

D-RT Reducer Busbars (Type RT - Copper) with tubular busbar. It is cast in high copper content alloy and fitted with stainless steel bolts, nut ... Note: For current rating of parts on this page, contact PLP ...

230kV Aluminum Bolted Bus Pipe Terminal Connectors - A variable clamp type terminal for connecting a cable to a flat bar bus. Designed to carry the full rated load of the maximum conductor without ...

U.S. Standard Bolt Torques for Bus Connections Heat Treated Steel. Figure 2-1. Typical busway installation. **REDUCE TORQUE BY 20% WHEN CADMIUM PLATED BOLTS ARE USED.** control ...

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