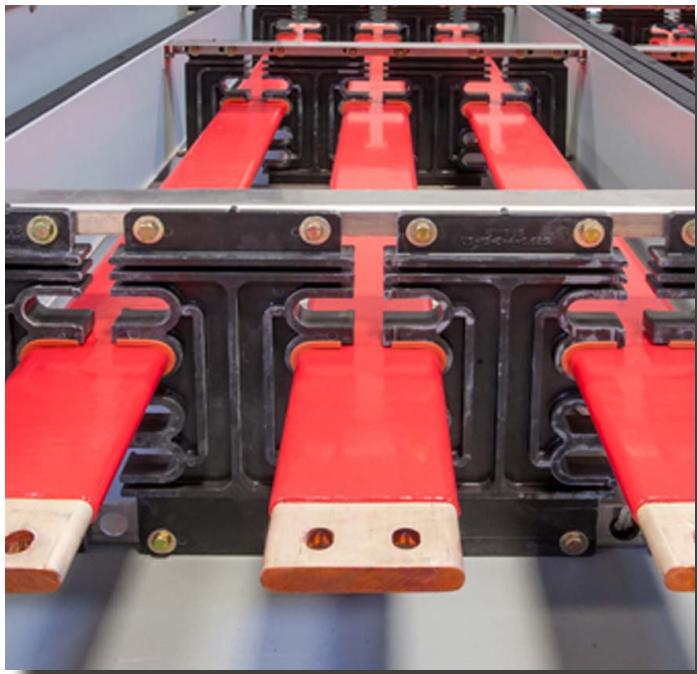




Bar Bus - Non-Segregated, Segregated, DC

METAL-ENCLOSED BAR BUS SYSTEMS THROUGH 38KV



NON-SEGREGATED PHASE BUS

Non-segregated phase bus duct is available for voltages ranging from 600 volts through 38kV with ampere ratings up to 8000 amps. Non-segregated phase bus has all phase conductors in a common enclosure with an air space between phases. There are no metallic barriers between phase conductors of adjacent phases. Conductors are mounted on custom molded fiberglass reinforced polyester blocks or on post insulators. Housings that are totally enclosed are preferred, but ventilated enclosures can be provided for indoor applications. Typical applications include connections between transformers and switchgear, tie connections between motor control centers and large motors, and as the main generator lead for small generators.

SEGREGATED PHASE BUS

Segregated phase bus duct is available for voltages ranging from 600 volts through 38kV, with ampere ratings up to 8000 amps. Segregated phase bus has all phase conductors in a common enclosure with metal barriers between adjacent phases. Conductors are mounted on molded fiberglass reinforced polyester blocks or on post insulators. This design is primarily used as a generator lead in power plants, but it is also used in heavy industrial applications and as a switchgear tie in metal-enclosed substations.

Alternatives for Conductor Supports

ANSI C37.23 Compliance

Custom Designed Terminations

Wall Penetrations with Applicable Fire Ratings

Engineering Studies

Field Service and Replacement Parts

DC BUS

DC bus can be supplied to meet the needs of most direct current applications. Delta/Unibus manufactures DC bus in two basic configurations: with both poles contained in the same enclosure, or with each pole contained in a separate enclosure. Applications include generator exciter systems, power feeds for electric furnaces, and various connections in traction power installations.