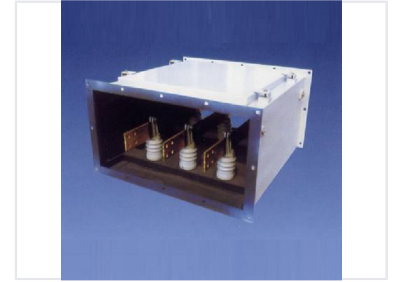


Box Enclosed Busway System

The box enclosed busway system facilitates circuit connections between transformers and switchgears. It also connects generators below 100 MW to transformers, suitable for 6kV-40.5kV power systems.



ADDITIONAL IMAGES



Overview

High-Performance Box Enclosed Busway

The Box Enclosed Busway System is designed for safe and efficient circuit connections between station services, substation transformers, and switchgears. It is ideal for transmitting electricity from generators below 100 MW, offering a robust enclosure that ensures personal safety and equipment reliability. With options for both non-segregated and segregated phase designs, this system provides a flexible and low-maintenance solution for industrial power distribution.

Key Features

Key Benefits

- Compact structure for multiform layout flexibility
- Low maintenance requirements with screw-joint or welding options
- Enhanced safety via optional double insulation
- High protection class to prevent particle ingress
- Reduced external magnetic fields in segregated phase models

Technical Standards

Compliance Standards

IEEE C37.23, GB/T 8349

Technical Specifications

Enclosure Protection Class

IP55

Max Generator Capacity

100 MW

Generator Output

Design Options

Available Configurations

Type	Primary Advantage
Non-segregated Phase	Compact circuit connection for transformers and switchgear
Segregated Phase	Reduced magnetic fields and prevention of phase-to-phase short circuits

Construction Details

Insulator Material	Porcelain insulators
Conductor Material	Copper
Connection Methods	Screw-joint, Welding