

Manual Transfer Switchgear

Medium Voltage MTS

2.4kV-15kV



ADVANCED POWER
TECHNOLOGIES



Product Line Brochure

Manual Transfer Switch

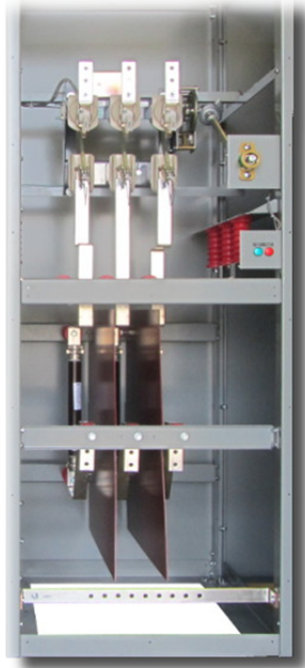


Figure 1: Indoor NEMA 1 MTS Section Switching Device with Overcurrent Protection

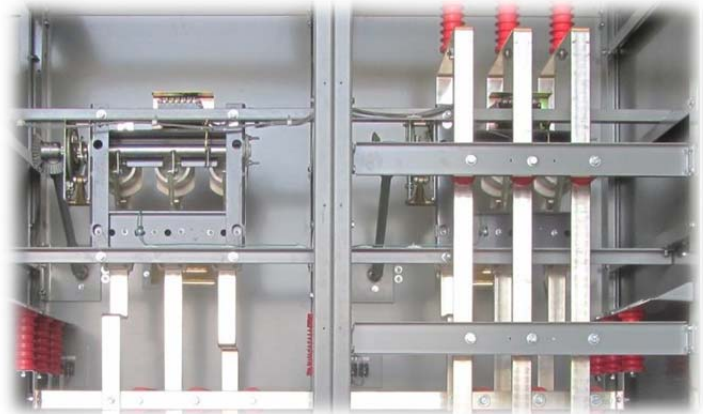


Figure 2: Main bus is silver plated copper with bolted connections.

200 – 1200A, 2.4kV-15kV (3Ø) Manual Transfer Switch

- Rating: 200 – 1200A, 2.4kV-15kV (3Ø)
- Available as Front Access Only
- Silver plated copper bus.
- Manual Transfer (Open Transition) Operation:
 - Manual transfer switch interlocking system allows only one power source to be connected to the load bus.
 - Mechanical interlocking prevents closing of each source switch unless the 2nd source switch is in open (disconnected) position.
- Power Source Manual Transfer Switching Device:
 - Two Interlocked Switches (one normal source switch and one backup source switch) with optional Source Connected Indicating Lights.
 - Removable thru door operating handle.
- Each load braking switch section is provided with a Lexan viewing window for observing visual air disconnect switch position. Viewing window gives an operator full view of the position of all three switch blades.
- Manual Transfer Switch Interlocking
 - Kirk Key Interlocking prevents inadvertent paralleling of two sources.
- Overcurrent Protection (optional)
 - Fuse Rating: 50 – 1200A.
- Enclosure
 - Carbon steel.
 - Powder coated ANSI 61 Gray.
 - NEMA 1 for indoor installation.
 - NEMA 3R for outdoor installation.
 - Anti-condensation Heater for Internal Climate Control.
 - All hardware is stainless steel.
 - Door handles are padlockable.
 - Typical Dimensions:
 - 100”H x 84”W x 40”D (Front Access NEMA 1)