

ERTG SAFETY-INTERLOCKED FUSED DISCONNECT CABINET



DEMO VIDEO AT:
www.eslpwr.com/ertg-demo.htm

ESL's ERTG Safety-interlocked, Fused Disconnect Cabinet provides safe power connections for Electrifying Rubber Tire Gantries (or RTGs) at container terminals, as well as other medium-voltage applications.

This unique, patent pending design allows multiple ERTG cabinets to be daisy-chained, reducing the number of costly medium voltage circuit breakers required upstream in the switchgear station.

In addition, the Safety-interlocked Cabinet prevents operators from making or breaking electrical contacts under load without the need or use of *KIRK® key systems.

The disconnect assembly features a 7.2kV push & pull receptacle, safety-interlocked to a medium voltage switch. In addition, a mechanically interlocked internal grounding switch prevents removing the plug prior to releasing any residual voltage.



* KIRK is a registered trademark of Kirk Key Interlock Company LLC.

ERTG SAFETY-INTERLOCKED DISCONNECT CABINET FEATURES:

- Compact footprint minimizes obstructions in the terminal and RTG rows
- Redundant electrical safety-interlock provides users with added protection from dangerous voltage
- Mechanical fuse tripping opens the switch when any of the three fuses are blown
- Electrically interlocked door trips the upstream breaker when the main cabinet door is open
- Internal cabinet light allows the operator to view the position of the grounding switch
- Dedicated indicator light signals when the receptacle is energized
- Trip indicator light illuminates when the disconnect has been tripped
- Thermostat and strip heater prevents condensation inside the cabinet
- Dead front provides a security wall between the operation side of the unit and the internal switching mechanisms
- Pad lockable cabinet handle prevents unauthorized entry
- Cabinet window allows for safe observation of the switches' positions



ERTG DISCONNECT CABINET
(FRONT VIEW)



ERTG DISCONNECT CABINET
(BACK VIEW)

ERTG Safety-interlocked Fused Disconnect Cabinet (Port Terminal Connection Diagram)

