

## CUSTOM-ENGINEERED ELECTRICAL EQUIPMENT

### Electrical Modular Building/E-Houses



#### Description

Littelfuse Startco offers fully integrated electrical and automation systems. Our products include prefabricated, modular, skid-mounted enclosures for switchgear and auxiliary equipment. We deliver self-contained units, which are completely coordinated, assembled and tested inside our controlled factory environment. The primary switchgear and control applications include low- and/or medium-voltage switchgear and motor control centre enclosures; relay panel enclosures; and RTU and SCADA enclosures.

### Modular Variable-Frequency Drives (VFDs)



#### Description

Variable-frequency drives have been used in a variety of industries for years to start motors, optimize load control, and achieve energy savings. Unfortunately, the mining industry has not been able to fully realize these benefits as the combination of the electronics used in VFD's and the dirty or harsh environments found in underground and open-pit mining tends to decrease the drive's reliability and expected life. Littelfuse Startco has solved this problem by designing a low-maintenance modular system that keeps the critical components of the VFD isolated from the harsh mining conditions, yet meets the thermal cooling requirements of the VFD.

### SEL-PTO Custom Electrical Panels



#### Description

Littelfuse Startco is the leading Canadian manufacturer of custom-built electrical equipment for mining and oil & gas. Ground-fault panels, also known as power-take-off or starter panels, are a convenient means of protecting and isolating trailing-cable-fed or hard-wired equipment such as pumps, jumbos, drills, and electric machines. Littelfuse Startco Custom Panels are metal-enclosed, rugged, high-quality, and are intended for use in non-hazardous resistance-grounded systems. Littelfuse Startco has earned a reputation for prompt delivery of Custom Panels.

The Littelfuse Startco custom-products engineering team will assist with your design. All designs are reviewed by engineers prior to quoting.

### Underground Portable Power Centres



#### Description

Littelfuse Startco is the leading Canadian manufacturer of custom-built, portable mine power centres up to 38-kV. Littelfuse Startco portable mine power centres are skid-mounted, metal enclosed, and typically consist of the following:

- Primary medium-voltage section, with fused load-break switch or visible disconnect.
- Dry-type mine-duty power transformer.
- Primary and secondary power-distribution circuit breakers.
- Control and protection specific to the application.
- The Littelfuse Startco custom-products engineering team will assist with your design. All designs are reviewed by engineers prior to quoting.