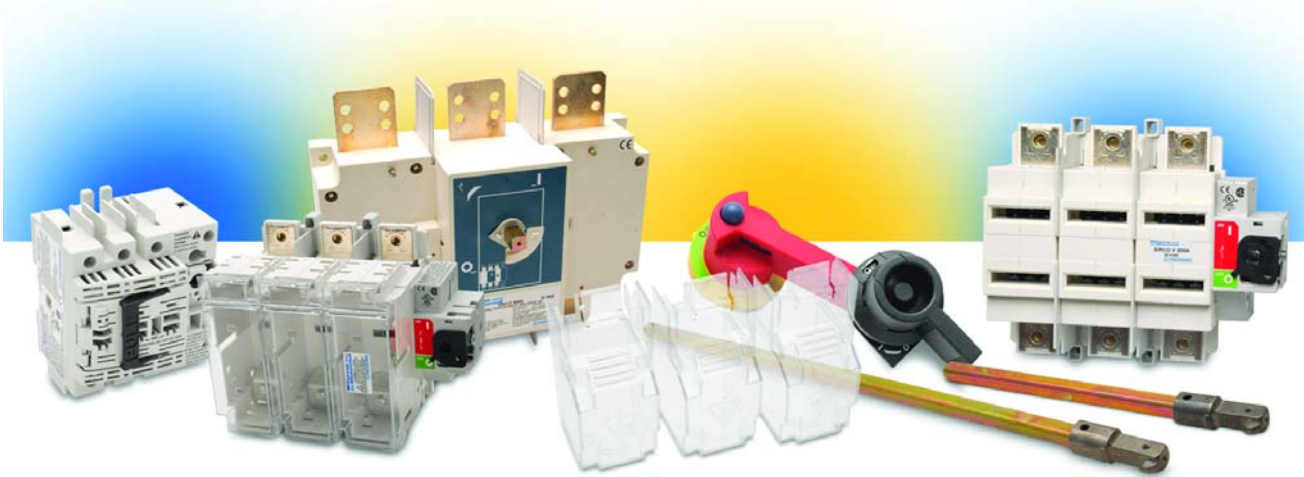


Ferraz Shawmut Quality at AutomationDirect Prices



Overview

Our power products line includes 600 VAC/250 VDC heavy-duty fusible and non-fusible disconnects from Ferraz Shawmut. Meeting UL98 standards, the new SIRCO and FUSERBLOC series are designed with the latest disconnect technology available, "make and break" power circuits on load, and are UL, CSA, CE and IEC rated. A wide array of handles is available, meeting OSHA padlocking requirements, NEMA configurations, defeater options and NFPA 79 requirements.

The SIRCO switches have been tested and approved for use in the most demanding applications, such as "service entrance" and main panel disconnects. These heavy duty SIRCO switches are available in 30-800 amp ratings; switches up to 400 amps are equipped with visible blade contacts. The available defeatable pistol handles automatically re-latch when the panel door is closed, eliminating the need for tools to reset the latch.

The FUSERBLOC series of fusible disconnects use double break contacts per pole, up to 200 amps, isolating the fuse while the switch is in the OFF position. To reduce or eliminate the danger of accidental contact with live, energized parts, these fusible disconnects are supplied with fuse covers and line side shrouding as a standard safety feature. Used with class CC or J fuses (available from AutomationDirect), the FUSERBLOC switches provide dependable circuit protection.

As defined in the NFPA79 standard, section 5.3.3.1 and 6.2.3.1.2, these disconnect switches fully comply with all of the following requirements:

- Isolate the electrical equipment from the supply circuit and have one "OFF" (open) and one "ON" (closed) position only
- Have an external operating means
- Be provided with a permanent means permitting it to be locked in the "OFF" (open) position only independent of door position
- Be operable, by qualified persons, independent of the door position without accessory tools or devices

All the disconnect switches' contacts work independently of the speed and force of the operator. Switches up to 400 amps use silver-tipped contact technology providing the following advantages:

- Best solution for harsh environments
- High on-load break characteristics
- Longer mechanical and electrical life
- Maintenance free switches without grease

Switches above 400 amp use a self-cleaning moving technology that provides high short-circuit withstand.

In the case of welded contacts due to an overload or short circuit condition, the disconnects provide operational features to safeguard the user. As long as the force applied to the handle is not greater than 3 times the standard operational force, the handle will NOT be able to reach the "OFF" position unless the contacts are truly open. This is in accordance with the IEC 947-3 standard.

**UL508
NFPA79 Compliant Solutions
IEC 947-3**



PLC Overview
DL05/06 PLC
DL105 PLC
DL205 PLC
DL305 PLC
DL405 PLC
Field I/O
Software
C-more HMIs
Other HMI
AC Drives
Motors
Steppers/Servos
Motor Controls
Proximity Sensors
Photo Sensors
Limit Switches
Encoders
Pushbuttons/Lights
Process
Relays/Timers
Comm.
TB's & Wiring
Power
Enclosures
Appendix
Part Index