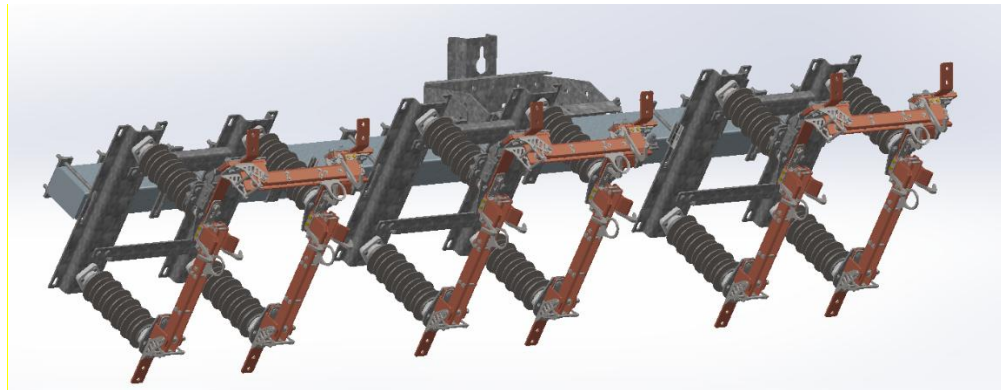


900A Three-Phase Recloser Bypass Switch

Enhanced Recloser Bypass features ERGO Switch™ blades

May 2026

MPS Inertia continues to develop new switch offerings to better serve all customers and extend our presence on the distribution system. The latest advancement is a refined three-phase Recloser Bypass Switch featuring ERGO Switch™ blades to enhance reliability, safety, and ease of operation.



The Problem

Utilities are further expanding recloser technologies on the distribution system to boost reliability numbers and avoid sustained outages for temporary faults. Most utilities abide by regular maintenance intervals in which the recloser must be fully deenergized. Many of the current bypass solutions involve multiple pieces of equipment resulting in increased time and complexity of installation and operation. A three-phase recloser bypass switch can accomplish this in a single, easy to install and operate package, giving utilities the ability to safely and efficiently complete their necessary work.

The MPS Solution

The MPS Inertia Three-Phase Recloser Bypass Switch features ERGO Switch™ blades on each phase featuring silver plated copper blades and reverse loop technology. Each phase

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of the switch is independently operated using a hot stick. Each phase of the switch has three disconnect blades: one normally-closed source-side disconnect, one normally-closed load-side disconnect, and one normally-open bypass disconnect. Bypassing each recloser phase is as simple as closing the normally open bypass disconnect and opening the load-side and source-side disconnects. Restoring the recloser after maintenance is done using the reverse switching sequence.



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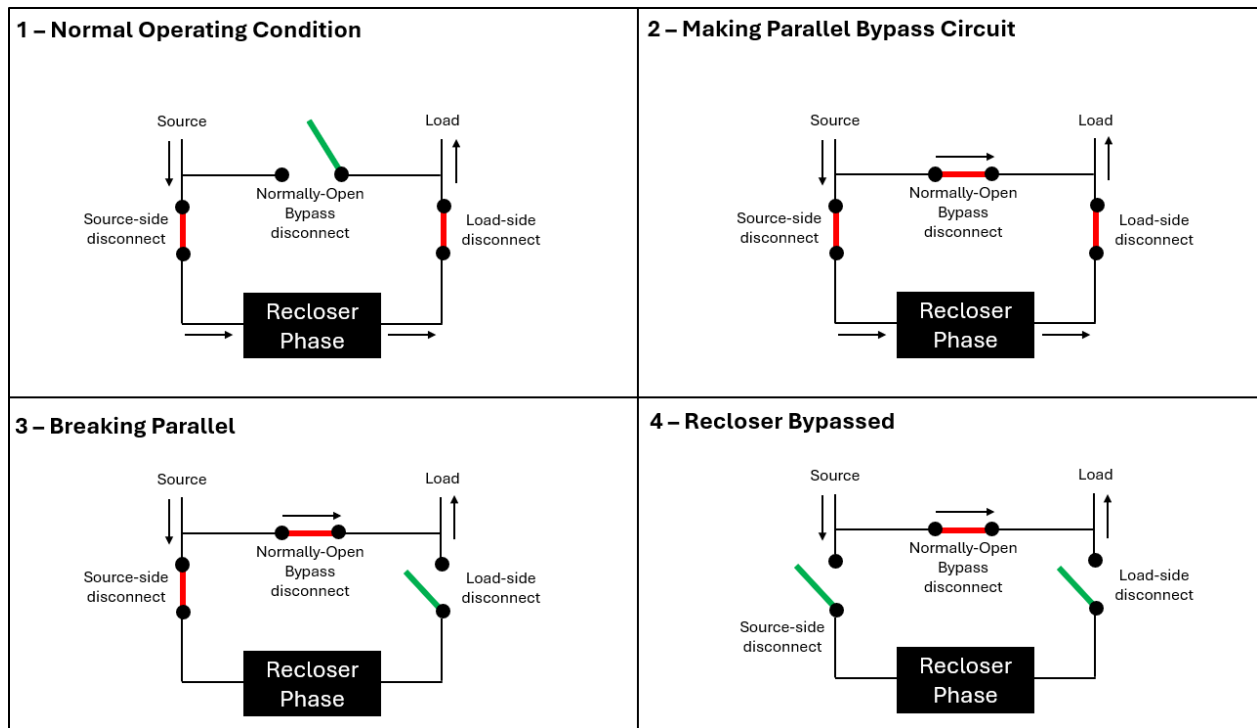


Figure One: Recloser Bypass Switching Sequence

Features

- Fully Compliant with IEEE C37.30.1-2022
- 15.5, 27 and 38 kV ratings
- 110, 150 and 200kV BIL
- 900A continuous current rating
- Currently available for installation on fiberglass, aluminum, or galvanized steel crossarms, or for single-phase installations
- Silicone polymer or porcelain station post insulator assemblies
- Various angled bypass blade options
- Available in three-phase and single-phase configurations

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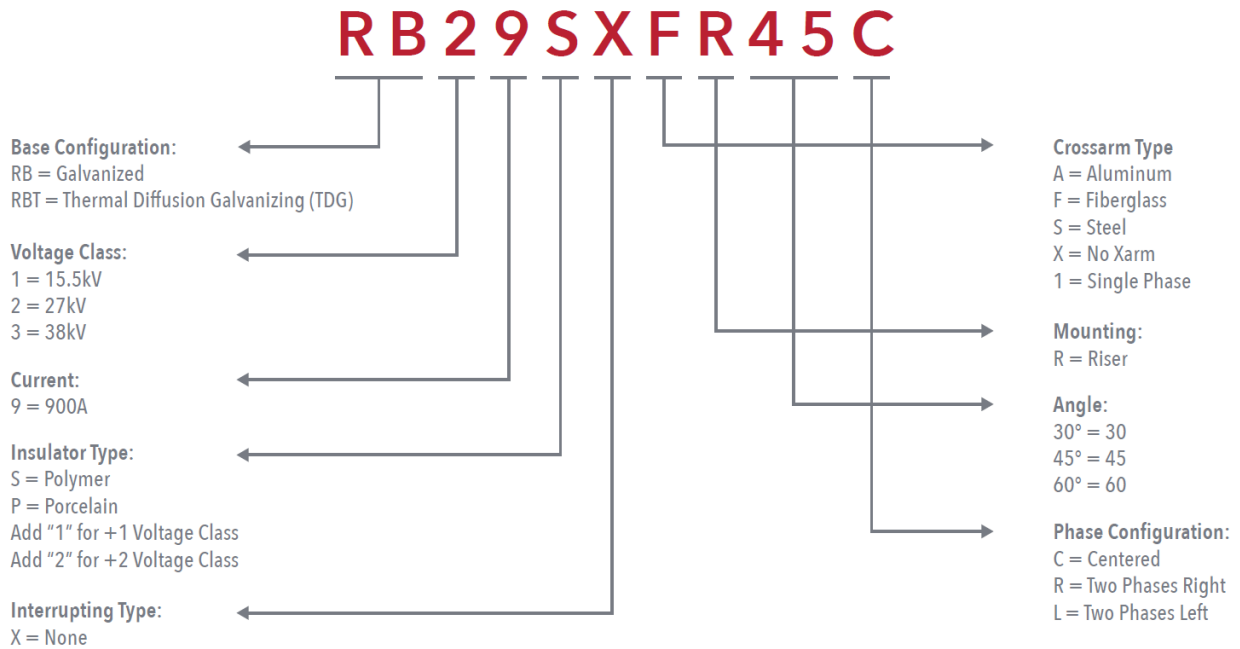
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Available Configurations

Voltage Class	BIL	Base Catalog	Continuous Current	Momentary Current (10 cycles)	Momentary Current (3 seconds)
15.5kV	110kV	RB(T)19	900A	40,000A	25,000A
27kV	150kV	RB(T)29	900A	40,000A	25,000A
38kV	200kV	RB(T)39	900A	40,000A	25,000A

Table One: Three-Phase Recloser Bypass Switch Base Catalog #s and Ratings

Additional configurations can be created using the Recloser Bypass Switch selection guide below.



Questions and inquiries on product and sales can be directed to the Stockton MPS Inertia team or myself.

Thanks,

Tyler

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