

DS Circuit Breaker Enhanced Maintenance Parts Kit

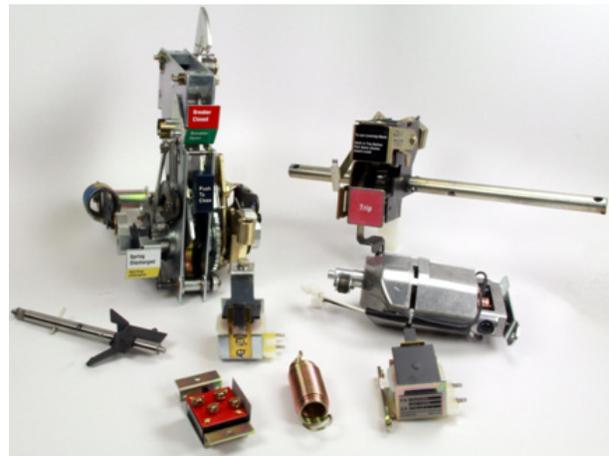
Background

The Westinghouse DS circuit breaker enhanced maintenance parts kit provides Class 1E safety-related components for maintenance on the DS circuit breaker to customers around the world. Westinghouse's integrated in-house qualifications can supply virtually any part for Class 1E application, and its robust commercial dedication program meets the intent of the U.S. Nuclear Regulatory Commission and Electric Power Research Institute guidelines.

Every item in the parts kit is inspected per Westinghouse standards, and large components are preassembled and lubricated to allow for decreased installation time. Enhanced maintenance parts kits are available to customers who have successfully completed the Westinghouse enhanced maintenance training.

Description

Contained in the enhanced maintenance parts kit are all the necessary components to complete the most common maintenance procedures. The components include, but are not limited to, the operating mechanism, levering mechanism, spring charging motor, motor cutoff switch and trip shaft. The kit also provides all necessary springs and hardware to reduce the amount of preparation required by the customer.



DS circuit breaker enhanced maintenance parts kit

Westinghouse enhanced maintenance training is required for customers who desire to purchase the parts kit. The training is conducted by Westinghouse engineers and technicians at a customer's requested location or at Westinghouse's facility in New Stanton, Pennsylvania (USA). The training instructs customers on how to perform additional cleaning, lubrication, inspections, performance checks, performance tests and tolerance measurements on the DS circuit breaker.

Benefits

All components within the enhanced maintenance parts kit meet their original fit, form and function, while some are enhancements of the original design. Westinghouse reduces overall maintenance time by supplying components that are ready to install, as well as the hardware necessary to complete the installation. Customers will learn how to correctly install all items contained in the parts kits and configure the DS circuit breaker for testing during the Westinghouse enhanced maintenance training. The combination of Westinghouse training and parts for maintenance procedures help maintain the functionality of the DS circuit breaker between refurbishment intervals.