

New DS Breaker Motor Cutoff Switch

Background

Westinghouse has developed an improved spring charging motor cutoff switch for use on Type DS circuit breakers. The new design is completely sealed, making it less susceptible to contaminants. Improved contact design and stronger contact pressure springs reduce contact resistance and provide electrical continuity during normal operation. The improved design is also seismically qualified.

Description

The new motor cutoff switch is a Class 1E-qualified, form, fit and function replacement for many vintage-style switches used on DS breakers. Each switch is supplied with mounting hardware and installation instructions.

Benefits

- Direct replacement and interchangeable in all DS breakers
- Fitted with highly conductive contact materials
- Enhanced sealed design to reduce foreign material contamination and high contact resistance
- Stronger contact pressure springs
- Capable of accepting wire harness terminals, as shown, or standard DS breaker wiring
- Cycle tested under load > 27,000 operations
- Seismically qualified for all DS breakers

Experience

Westinghouse has furnished more than 1,000 DS breaker motor cutoff switches to nuclear plants.



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Westinghouse part number: 4A48863G01

