

# PowVac® MV Replacement Circuit Breakers

*Direct MV Replacement Breakers for ANSI Applications*

## QUALITY DELIVERED

Powell Service Division offers a comprehensive portfolio of circuit breakers designed for direct replacement for most major manufacturers. When compared to an air magnetic circuit breaker retrofit, PowVac replacement breakers utilizing vacuum interrupters significantly reduce spare parts costs and out-of-service time.

## DIRECT ROLL-IN

The PowVac replacement vacuum circuit breaker is designed to be electrically equivalent to the existing circuit breaker. The entire assembly fits into a metal-clad switchgear compartment designated for the original circuit breaker without modification. There is no need to convert or refurbish your existing circuit breaker; all of the components, including bushing are new and designed for complete mechanical and electrical interchangeability with your existing circuit breaker.

## MEET IEEE/ANSI STANDARDS

Every PowVac replacement breaker meets or exceeds the latest ANSI standards. Design momentary and interrupting current tests are performed by an independent, high current test laboratory; design B.I.L. tests and continuous current tests are performed at the Powell laboratory in an OEM cell. Production testing includes 300 mechanical operations, contact resistance, timing, and vacuum integrity. Safety interlocks inherent to the original switchgear design (and required by ANSI) are maintained

## REDUCE COST

Dielectric deterioration of moisture-absorbing components (bushings) reduces reliability; replacement parts are often expensive and hard to locate. Demanding maintenance procedures and safety concerns add significantly to operating costs. PowVac replacement circuit breakers are direct roll-in breakers which significantly cut maintenance costs by up to 90% and avoid costly downtime, and keep the original designs consistent.

## STATE-OF-THE-ART TECHNOLOGY

Powell Service Division effectively eliminates obsolescence. Upgrading your outdated equipment with PowVac replacement vacuum circuit breakers allows you to take advantage of the latest in vacuum interrupter technology for optimal reliability and performance.



PowVac® AM Replacement Circuit Breaker



PowVac® DHP Replacement Circuit Breaker

*Powered by Safety®*

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