

# Five year warranty AMVAC™ magnetically actuated circuit breaker

A five year comprehensive warranty is available on the complete breaker and breaker truck assembly, with 24 hours / 7 days-a-week customer service.

The AMVAC™ breaker is truly the next generation in medium voltage vacuum circuit breaker technology. ABB is the first to combine the unique benefits of embedded vacuum interrupter technology with a magnetic actuator designed to reduce operating costs and increase reliability.

Using a flux-shifting device with integral permanent magnets, the AMVAC mechanism has only one moving part. With simple open and close coils, an electronic controller and capacitors for energy storage, the AMVAC circuit breaker meets or exceeds ANSI mechanical and load operation requirements.

#### Low maintenance = reduced operating costs

- No maintenance required on the magnetic actuator
- Closing and tripping is a current limited pulse – eliminates failed trip coils

#### Significantly less moving parts = reliability and safety

- Simple magnetic actuator with one moving part
- Elimination of close and trip coils, motors, cams, and linkages and the associated spare parts inventory
- Increased safety by eliminating maintenance on mechanically charged components, coils, and motors

The AMVAC circuit breaker utilizes state-of-the-art magnetic actuation technology



#### Durable design = longer life

- High dielectric strength with embedded vacuum interrupters in solid material insulation

ABB stands ready to work with you to supplement this product offering with technical application experts, spare parts, training and support services intended to reduce your total cost of ownership.

Maintenance free vacuum interrupter and current carrying parts in one embedded assembly



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