

# MAINTENANCE BROCHURE

## Maintenance of Low Voltage Circuit Breakers



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# MAINTENANCE OF LOW VOLTAGE CIRCUIT BREAKERS

The deterioration of low voltage circuit breaker is normal and this process begins as soon as the circuit breaker is installed. If deterioration is not checked, it can cause failures and malfunctions.

Low-voltage circuit breakers operating at 400 volts alternating current and below should be inspected and maintained every 1 to 3 years, depending on the service and operating conditions. Conditions that determine the frequency of maintenance and inspections are:

- High humidity and high ambient temperature.
- Dusty or dirty atmosphere.

- Corrosive atmosphere.
- Frequent switching operations.
- Frequent fault operations.
- Older equipment.

A breaker should be inspected and maintained if necessary whenever it has interrupted current at or near its rated capacity.

H&MV Engineering offer a full range of LV Circuit breaker maintenance and testing services using our specialized LV current injection equipment.

Contact us today to discuss this and our other services.

