

Switchgear

- Switch can interrupt normal load currents but not designed to withstand fault currents
- Circuit breaker designed to withstand and interrupt fault currents.
- CB has special contacts and mechanism to quench the arc.

Types of CBs

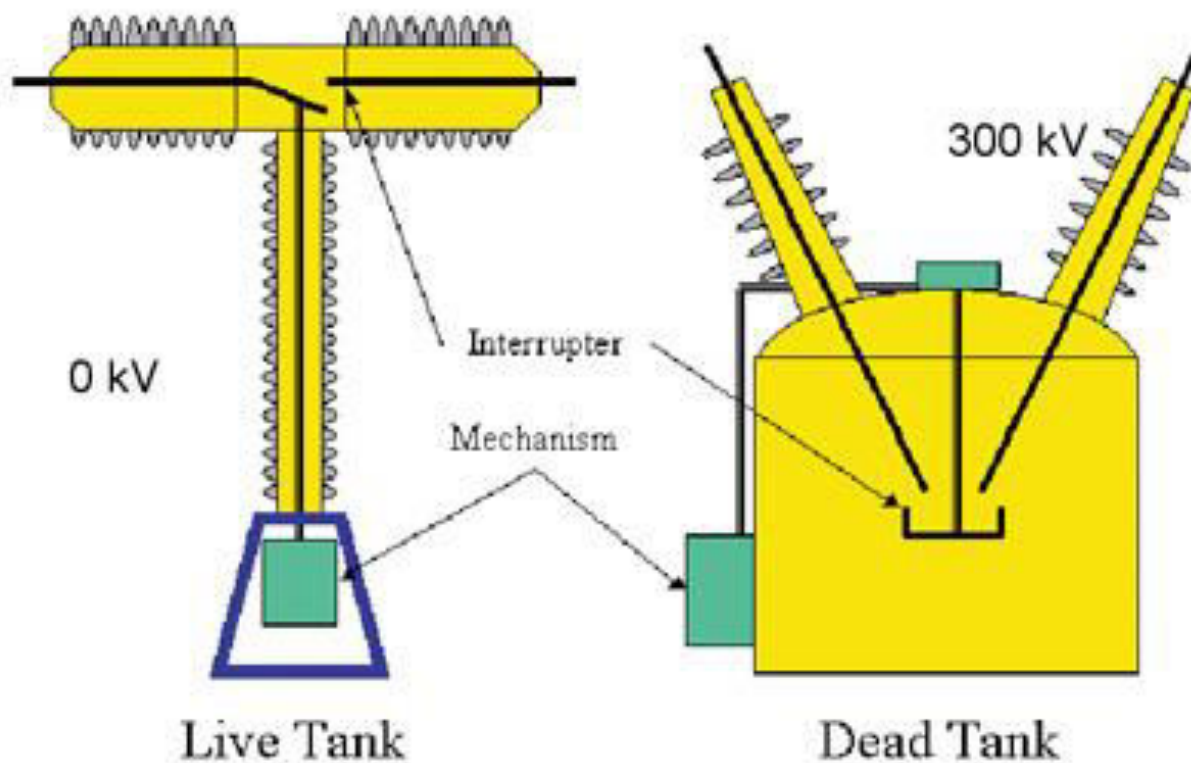
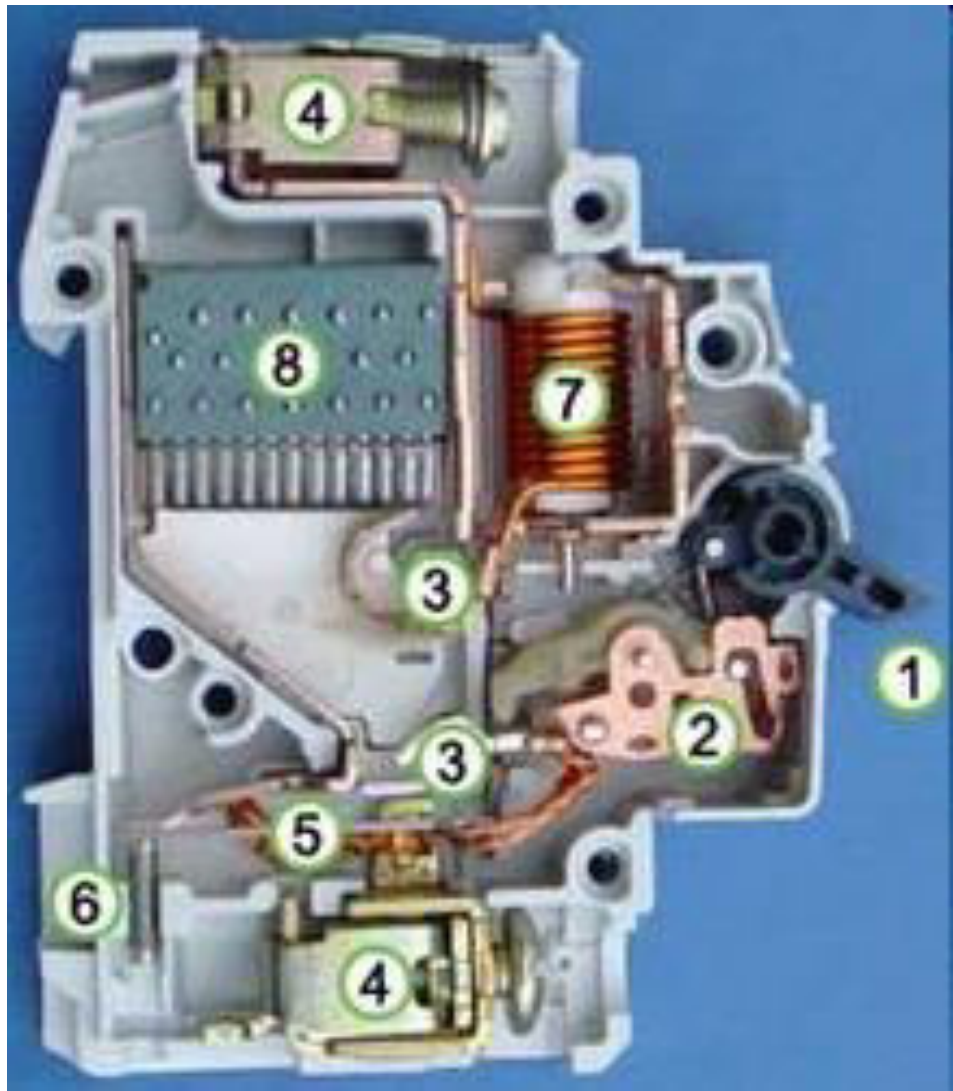


Fig 2 Representation of Live tank and dead tank Circuit breaker



Oil Circuit Breakers

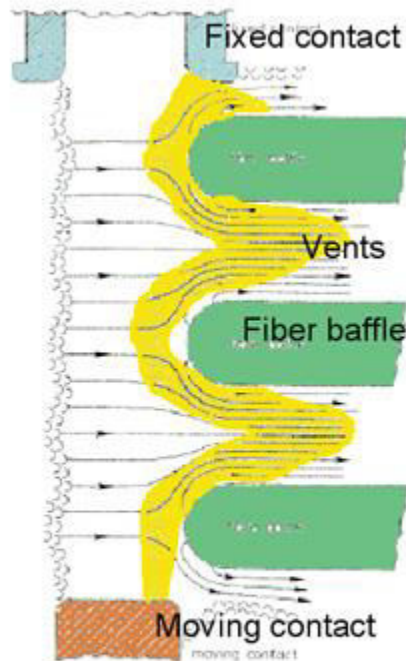


Fig 3 Representation of electric arc in oil circuit breaker

Air-blast circuit breaker

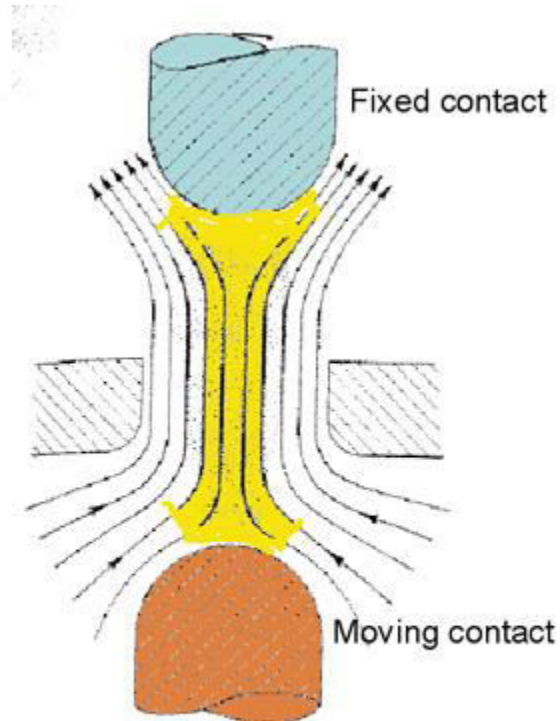


Fig 4 Representation of electric arc in air-blast circuit breaker