

The proposed device for checking the service life of a high-voltage air circuit breaker contains three current transducers, a pressure transducer, a commutation detector, analog comparators, triggers, AND logic elements, OR logic elements, NOT logic elements, EXCLUSIVE OR logic elements, switches, a coder, pulse counters, a reset circuit, a pulse former, a pulse generator, a delay element, a differentiator, a functional converter, a digital comparator, two scaling amplifiers, a binary counter, and a decoder.