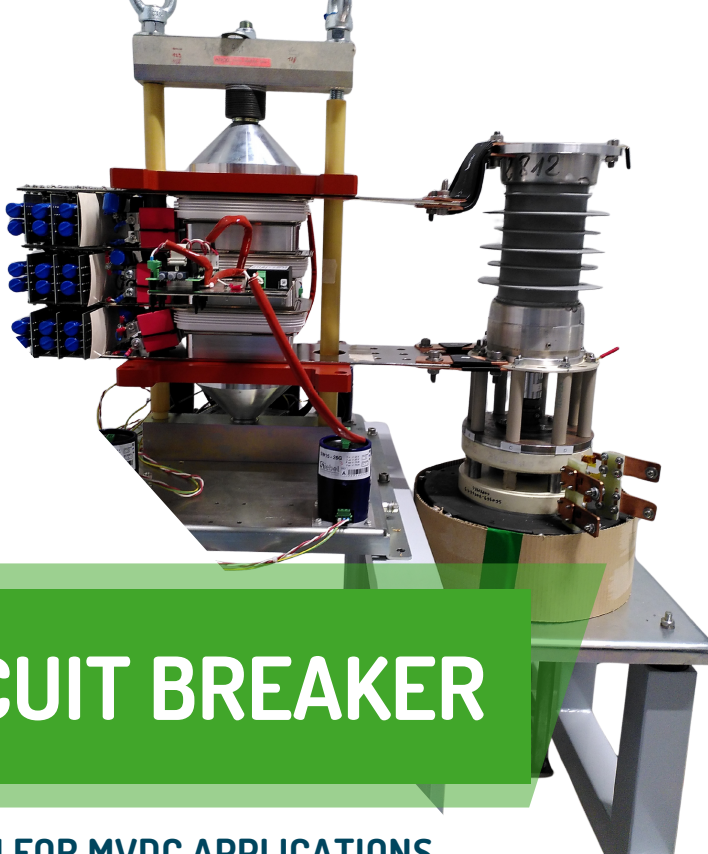




MVDC CIRCUIT BREAKER

A SCALABLE SOLUTION FOR MVDC APPLICATIONS
TESTED AT 7 kA / 6 kV DC

BENEFITS



Hybrid breaking solution using solid-state & mechanical breaking components.



Advanced technological bricks:

- IGBT semiconductors
- Vacuum interrupter
- Ultra-fast actuator



Ultra-fast breaking: few hundreds of microseconds.

Contact us



MVDC CIRCUIT BREAKER

Drawing on our research experience and expertise in the high-voltage domain, we have developed a hybrid solution with an electromagnetic actuator. This system allows the vacuum interrupter to open very quickly, in just a few hundred microseconds.

The current is then commutated to the series-connected IGBTs, which in turn divert the current into the voltage limiters. After the magnetic energy of the circuit is absorbed, the current is fully interrupted.

BREAKING PERFORMANCES

HyBreak Interruption 7kA / 6kVdc (LC test circuit)

