



# Abb circuit breaker equipment energy storage video

What is an ABB breaker?

An ABB breaker is a circuit breaker developed by ABB using patented insulated gate-commutated transistor (IGCT) semiconductor technology.

How many operations can ABB's solid-state circuit breaker handle?

ABB's solid-state concept circuit breaker can achieve millions of operations with complete reliability and near-zero servicing. Traditional mechanical circuit breakers, on the other hand, require regular servicing and have to be replaced after about 10,000 operations.

What replaces the moving parts in ABB's solid-state breaker?

The ABB solid-state breaker concept works by replacing the traditional moving parts of an electro-mechanical circuit breaker with power electronics and advanced software algorithms that control the power and can interrupt extreme currents faster than ever before.

What will the solid-state circuit breaker enhance?

A technological breakthrough by ABB - a solid-state circuit breaker - will enhance performance of renewable energy solutions, industrial battery storage solutions and so-called edge grids.

What are ABB's medium voltage products?

ABB's Medium Voltage Products encompass a comprehensive range of technologies and solutions designed for the efficient distribution and management of electrical power in various applications.

What are ABB's power electronics products?

ABB's Power Electronics Products encompass a range of solutions designed for the efficient management and conversion of electrical power. Products aim to enhance efficiency, reliability, and sustainability in power management systems across various industries.



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