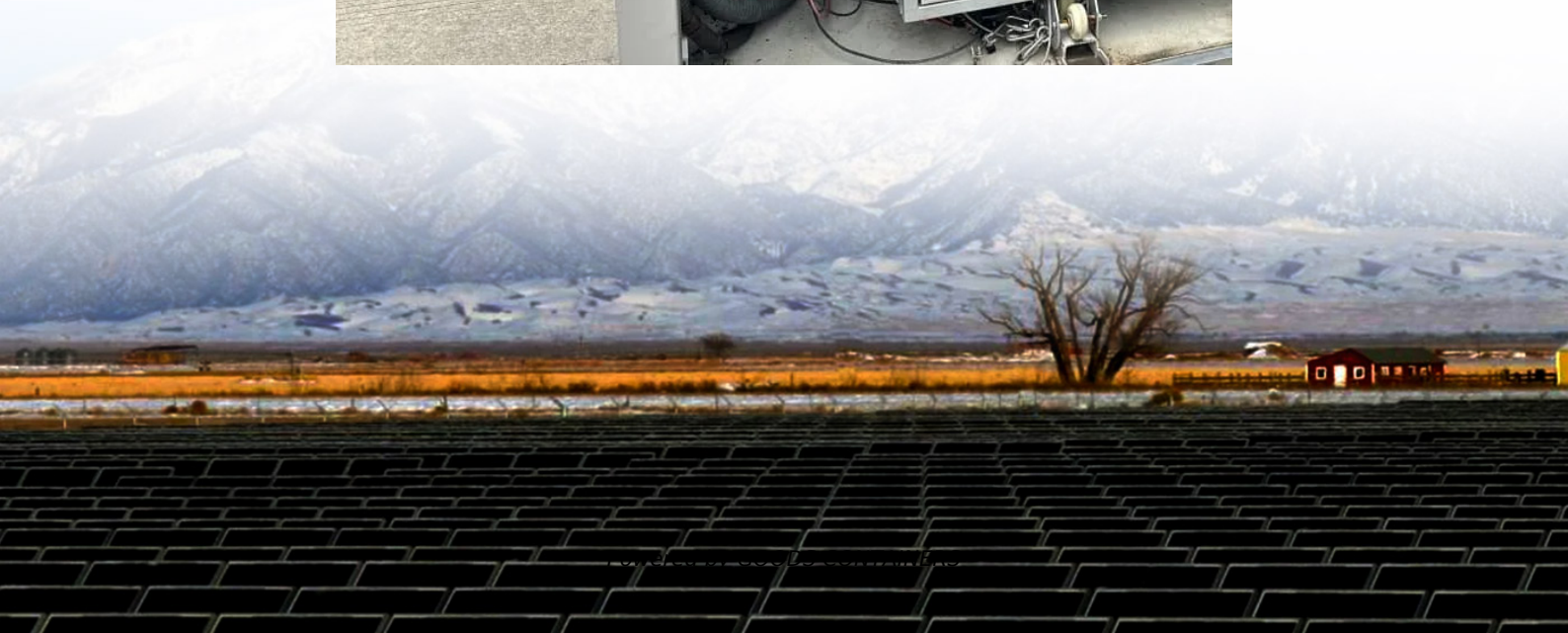


Solid state breaker in China in Japan





Overview

What is Fuji solid-state type circuit breaker?

FUJI solid-state type circuit breaker equipped with micro-computer controlled multi-functional electronic trip device with rated current switching function, adjustable function for tripping characteristics, and pre-alarm function.

What is the difference between a mechanical and solid-state circuit breaker?

Solid-state technology guarantees an extremely fast interruption and clears a fault in a few microseconds. In comparison, a mechanical circuit breaker with the same frame size takes a few milliseconds. ABB's solid-state circuit breaker can detect and respond to a short circuit fault 100 times faster than a mechanical circuit breaker.

What is a solid-state circuit breaker?

Solid-state circuit breakers are faster, can be dynamically adjusted and can be connected to the intelligent network and monitored remotely. They can be used in various applications, including residential, commercial and industrial AC systems.

How fast is a solid-state circuit breaker?

The solid-state circuit breaker's response time is more than 100 times faster than mechanical circuit breakers. Yoshito Aoita, Marketing & Sales Director, ABB Electrification, Smart Buildings & Smart Power Divisions, said: "ABB's pioneering technology is designed to play a key role in energy transition."



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[Solid-State Circuit Breaker -- ABB Group](#)

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