

ABB EcoSolutions™ – S3C-Ax

Shunt Trip

Increase safety and comfort performance of the installation

Shunt trips are used to remote opening of the device when a voltage is applied. Shunt trips use a coil like MCBs for tripping. To trip a shunt it is necessary to choose the right voltage and make sure the corresponding Ibmax is provided by the power supply used. The free-tripping mechanism of the shunt trip allows a restart of the main protection device only after the shunt trip gets no external release signal anymore.



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End-of-life instructions

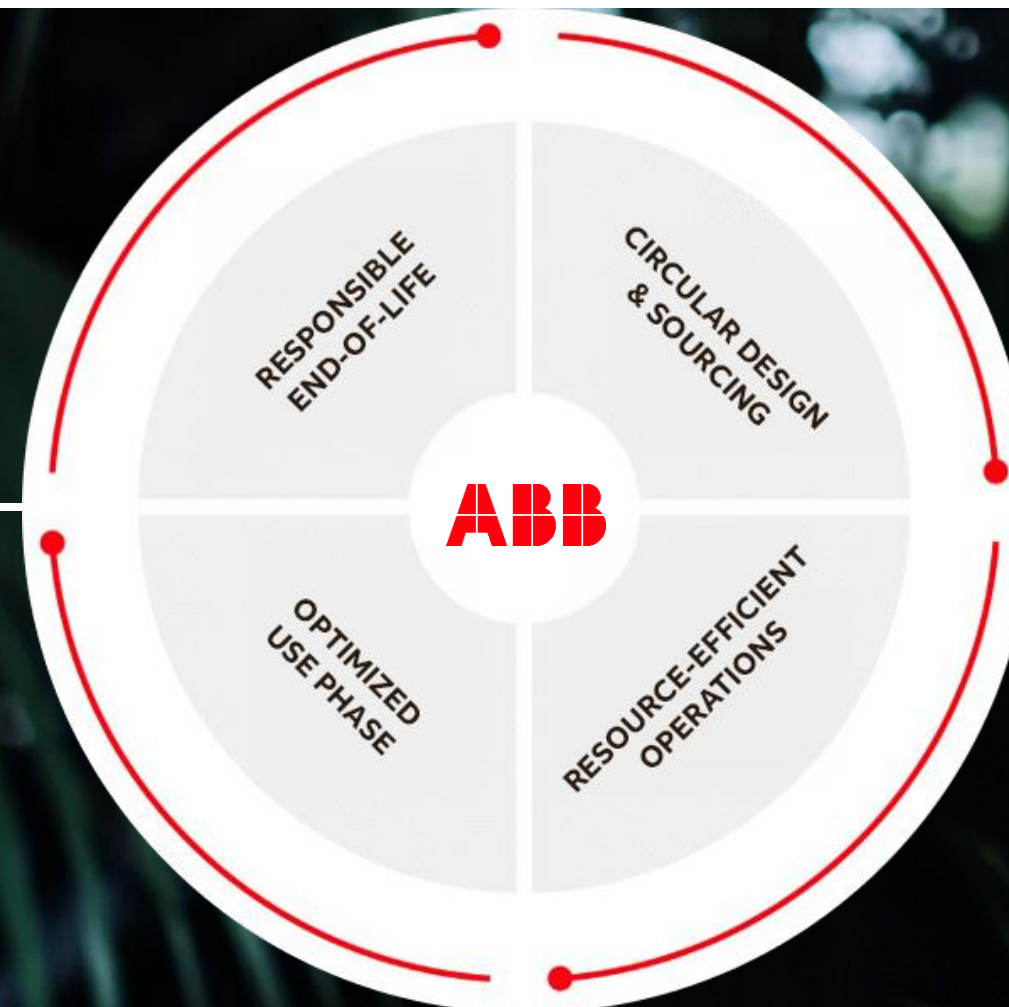
Clear instructions for product disassembly and recycling individual parts for re-use. Right-mounted modular design enables easy separation of components for material recovery. [LINK](#)

Enhanced durability

Reliable remote tripping ensures extended circuit breaker lifetime and prevents mechanical wear from manual operation. Robust construction withstands frequent switching operations in demanding industrial environments.

Improved Efficiency

The S3C-Ax shunt trip enables instant remote disconnection during emergencies or maintenance, reducing downtime and improving safety.



Designed for high recyclability & lower material use

Up to 84.84% recyclability rate, calculated according to EN 45555. Compact right-mounted design minimizes material use. Universal compatibility reduces the need for multiple product variants, lowering overall material consumption.

Produced in a zero waste to landfill site

All non-hazardous waste is recycled, and we continuously work to minimize waste in our operations.

Sustainable packaging materials

Packaging is made of 100% recycled paper.



Third-party verified Environmental Product Declaration

EPD compliant with ISO 14025 Type III (externally verified), ensuring data accuracy and full transparency on the product's environmental impacts throughout its life cycle [LINK](#) to the EPD).

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