

ABB EcoSolutions™ – FlexLine AFDD+MCBs

SX-ARC1 – arc-fault detection devices

FlexLine® - Simply fits.

Arc Fault Detection Devices (AFDDs) reliably detect arc faults and protect people, buildings and irreplaceable goods from electrically induced fires. By early detecting arc faults and disconnecting the affected circuit the AFDD with integrated miniature circuit breaker (MCB) offers reliable and complete protection in any type of building.

As part of the FlexLine® system, the SX-ARC1 features push-in terminals that save 50% on installation time. In addition, FlexLine® devices can be flexibly arranged in one size with the PSX busbar to save even more time and space.



ABB
Eco
Solutions™

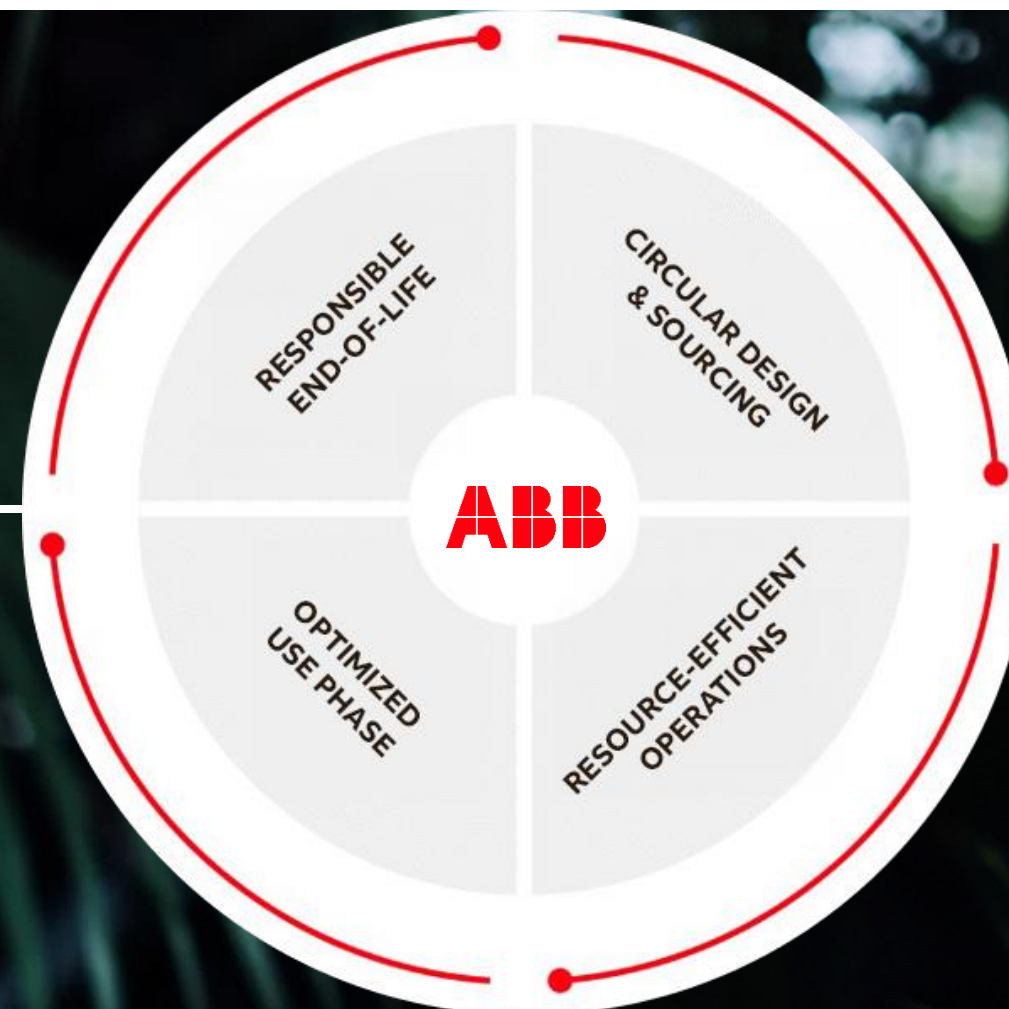


End-of-life instructions

Clear instructions for product disassembly and recycling individual parts for re-use. ([LINK](#) to the document)

Enhanced durability

Tested for double the standard amount of electrical and mechanical endurance (7,000 cycles vs. 2,000 cycles described in the product standard).



Designed for high recyclability & lower material use

Up to 41.3% recyclability rate, calculated according to EN 45555.

Produced in a zero waste to landfill site

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

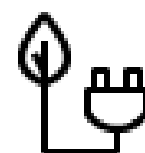
Sustainable packaging materials

Packaging is made of 78% 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).



Low-carbon manufacturing

This product is manufactured in an ABB facility that is powered by renewable energy.

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