

# ABB EcoSolutions™ – CMS Open-Core Sensors

## Branch monitoring sensors - open-core

The current sensors measure current on each branch and communicate with both SCU100 and SCU200 control units. They can be easily mounted and, despite their small size, deliver exceptional performance and are capable of monitoring AC, DC, and mixed (TRMS) currents up to 80 A (open-core), including harmonic components.

Each sensor is equipped with a microprocessor to process signals and transmit data digitally to the control unit via the bus interface. This reduces cabling needs, enhances transmission reliability, and eliminates common issues associated with analog data. Open-core current sensors are optimal in existing installations for reduced cabling time.



ABB  
**Eco**  
Solutions™

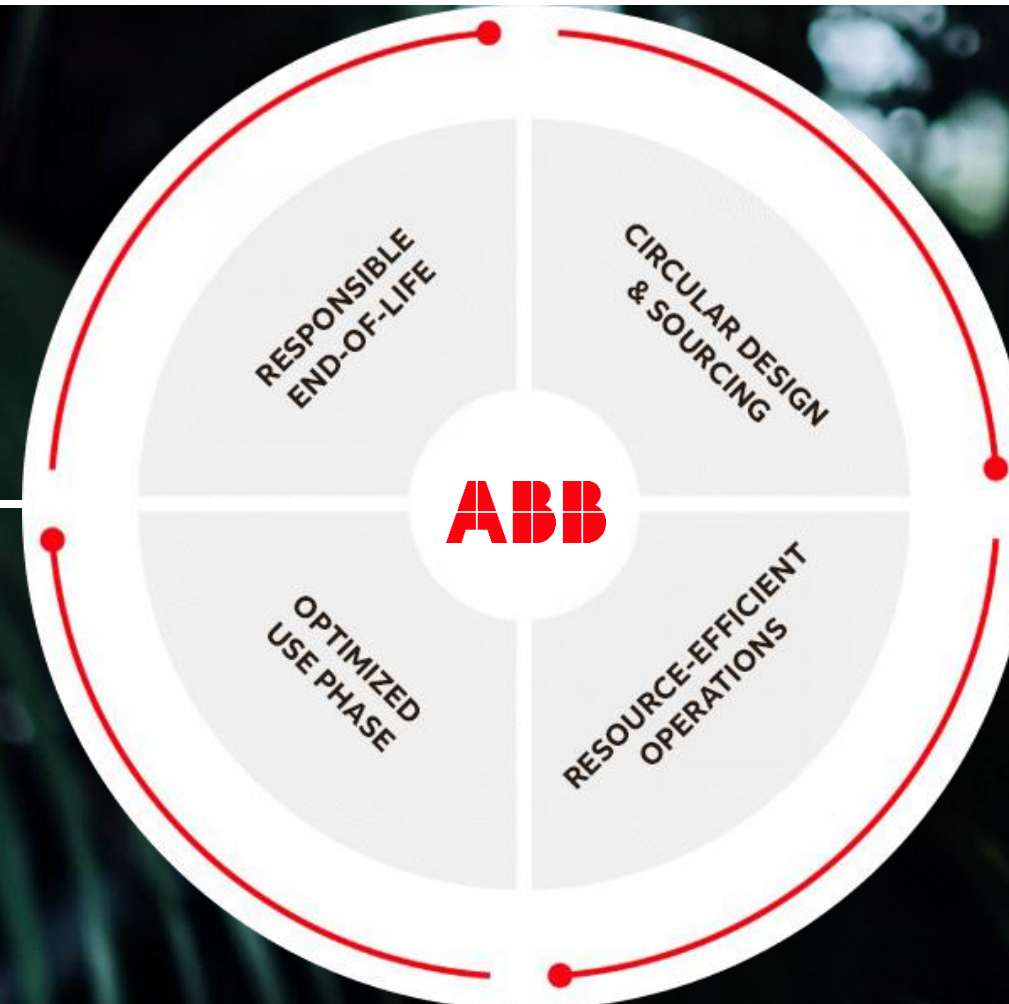


### End-of-life instructions

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

### Efficiency and lifetime

Through digital innovation and robust design, open-core sensors optimize customer processes and extend asset lifetime, ensuring efficiency and resilience with a sustainable approach



### Designed for high recyclability

Up to 74.32% **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 100% recycled cardboard.



**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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