

LOGIC MODULE LOGO!

Siemens EcoTech Profile

LOGO! – small, but wow!



Minimum material use

Overall product volume and weight reduced. Shifted to online instructions & standardized programming interface implemented.



Packaging

The packaging boxes are 100% free of plastic & the paper user manual has been replaced by a digital user manual.



Durability / Longevity

Maintenance-free design and increased ambient temperature range during operation to extend the area of application and to prolong product life.



Maintenance possible / Updatability

Firmware updates available & enhanced maintenance options for customers including Windows, Mac OS and Linux systems.



Ease of disassembling / Circularity instructions

Recycler guide describes easy disassembly process with standard tools & material fractions from recycling.



Compliant with substance regulations

Protect people and environment by avoiding substances of concern.



EPD Type II available

According to ISO 14021 including life cycle impact assessment (LCIA). The Environmental Product Declaration (EPD) provides transparency on the environmental impact of the product throughout its life cycle (e.g. product carbon footprint (PCF) data).



Scan for [Environmental Product Declarations \(EPD\)](#) and further technical information.



Range of application

This Siemens EcoTech Profile is valid for all LOGO! 8 basic modules.



Further information on the product

Sustainable materials:



Minimum material use

- Volume reduced by more than **30%** and weight reduced by more than **10%** compared to its predecessor.
- Replacing mini CDs for open source information with a web server saves more than **3,000 kg** of plastic per year.
- No additional programming hardware required thanks to standardization of the programming interface to Ethernet.



Packaging

- The plastic insert has been removed from the packaging for the latest product.
- The user manual is supplied in PDF format only and is no longer printed on paper.

Optimal use:



Durability / Longevity

- Increased ambient temperature range during operation to **-20 °C to 55 °C** (no condensation) compared to its predecessor (**0 °C to 55 °C**).
- Product features such as the avoidance of batteries characterize the maintenance-free product design.



Maintenance possible / Updatability

- Firmware updates provided in SIOS to keep the device up to date.
- LOGO! engineering tool supports Windows, Mac OS and Linux system, giving customers more maintenance options.

Value recovery & circularity:



Ease of disassembling / Circularity instructions

- A recycler guide is available in SIOS.
- The avoidance of screws allows for easy, quick and non-destructive disassembly using standard tools, supporting the circular economy.

Our production facilities

Our goal is clear: All Siemens production facilities and buildings worldwide are to achieve a net zero-carbon footprint by 2030. Today, all Siemens EcoTech products are manufactured in production facilities using **100% renewable electricity**.

And the ambitions go much further. The management systems implemented in our production facilities reduce the environmental impacts of our sites. Furthermore, we ensure fair treatment and respect for our people. More information about the 360° view on Siemens' sustainable transformation: [Learn more about our DEGREE framework](#)



Scan for more information on the [Siemens EcoTech framework](#)

Our Robust Eco Design process

The Siemens Robust Eco Design (RED) approach provides the foundation for integrating Ecodesign systematically into our product development and allows us to derive Ecodesign specifications that are advantageous from an environment point of view while meeting our own sustainability goals as well as those of our customers and suppliers. The RED approach involves three phases:

Application perspective

Definition of relevant product families, identification, and prioritization of Ecodesign requirements from stakeholder expectations.

Solid foundation

LCA-based assessment of environmental impacts for representative products along the entire life cycle, communicated via EPD.

Dematerialization

Evaluation of quantitative environmental impacts of Ecodesign and of further requirements, derivation of improved design specifications wherever reasonable.



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