

SIMATIC HMI Unified Comfort Panel

Siemens EcoTech Profile

Visualize the future



Durability / Longevity

Designed for low-maintenance operation, tested against a wide range of chemicals & protective film available to further prolong the product life.



Maintenance possible / Updatibility

Software / firmware updates are available in SIOS to keep the product up to date. System updates are possible.



Packaging

The total weight of the packaging is reduced & the use of plastic is reduced by more than 80% by changing the protective insert to fiber casting.



Repairability

Reliable repair services and supply of spare parts available. The product design supports easy repairability.



Upgradability

Functional upgrades can be achieved through the implementation of firmware updates to the device.



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.



Further information on the product

Sustainable materials:



Packaging

- The total weight has been reduced by more than **20%** compared to the predecessor product.
- The use of plastic has been reduced by more than **80%** by switching from plastic to fiber casting for inlay packaging.

Optimal use:



Durability / Longevity

- Product features such as no moving parts, passive cooling and no batteries characterize the low-maintenance product design.
- A protective film can be ordered. This provides additional protection against environmental influences.
- As the integrity of the panel front is important to ensure the function of the panels, information about the chemical resistance is provided in SIOS.



Maintenance possible / Updatability

- Software and firmware updates are provided in SIOS to keep the device up to date. System updates are possible.

Value recovery & circularity:



Repairability

- Professional repair services and spare parts supply available to ensure fast and reliable support.
- Spare parts and accessories for the device can be found in the operating manual.



Upgradability

- Firmware updates, through which functional upgrades can be carried out, are available in SIOS.

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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