

SIMOCODE M-CP 3UF8

# Siemens EcoTech Profile

3UF8



## Minimum material use

"Bring-your-own-device" concept to reduce display size.



## Packaging

Digital documentation via ID Link saves paper documentation.



## Durability / Longevity

High robustness in harsh environments (shock and vibration).



## Energy efficiency

Lower power consumption compared to predecessor.



## Maintenance possible / Updatability

Firmware and latest cyber security updates can be applied.



## Upgradability

Firmware upgrades can be applied to add additional functionality.



## 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.

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## Range of application

This Siemens EcoTech Profile is valid for SIMOCODE M-CP 3UF8.

## Further information on the product

### Sustainable materials:



#### Minimum material use

- **Display size** reduced by **70%**.
- Customers can scan QR-Code shown on the display on demand and directly connect the display of another device (e.g. smart phone, HMI or PC) to gain more data insights.



#### Packaging

- The avoidance of paper manual for this product is projected to save **480 kg** of paper per year.
- QR code links to all product-specific information.

### Optimal use:



#### Energy efficiency

- Power consumption reduced by more than **17%**.
- Transparency over the energy flows in the application enables energy management as per ISO 50001.



#### Durability / Longevity

- Shock and vibration of 3UF tested acc. **SN 31205** and **IEC 60068-2-6**, i.e. extended requirements for shipbuilding.



#### Maintenance possible / Updatability

- Firmware updates executable by customers themselves on site.

### Value recovery & circularity:



#### Upgradability

- By adapting to new upcoming requirements SIMOCODE enables machines and switchboards to be used longer and more productively in order to save costs and resources.

## 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.

