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Desigo PXC 4/5/7

Siemens EcoTech Profile

High-performing automation controllers

Packaging
The packaging box does not contain any imprinting compared to the previous packaging of the product. The packaging box is fully recyclable according to **PAP 20**.

Maintenance possible /updatability
Minimal maintenance is required, and firmware updates are possible on-site and via remote connections, reducing the need for travel and related CO_2 emissions.

Upgradability
The device is easily upgradable, unlocking additional functionalities and enhancing capabilities to meet changing industry demands.

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 all products in the range of Desigo PXC 4/5/7 controllers.

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Further information on the product

Sustainable materials:

Packaging

- The packaging box displays the **PAP 20** environmental label for recyclability.
- The paper documentation inside the packaging box is kept to a minimum to include only the mandatory documentation (Radio Equipment Directive).

Optimal use:

Maintenance possible / updatability

- The ease of maintenance is facilitated through batch updates for larger installations optimizing the effort and network traffic.
- The firmware updates help protect and preserve the device's functionalities, reducing the need of replacements or additional components.

Value recovery & circularity:

Upgradability

- The strategically developed modular design facilitates seamless software and hardware upgrades.
- The need to replace the device is reduced, thereby decreasing material waste.
- Upgrades include additional capabilities like advanced applications, compliance with new security standards, communication protocols, and more.

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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