



Environmental Product Declaration

Product

Device type	PXC-NRUF
Designation	Automation station, compact series
Product range	DESIGO™ INTEGRAL Migration

Process control

Siemens Switzerland Ltd Building Technologies Group Gubelstrasse 22, CH-6301 Zug		
Management system certified	since	by
ISO 14001 (environment)	20.10.1998	BSI
ISO 9001 (quality)	22.07.1986	BSI

Environmentally compatible product design

Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying Siemens Standard SN 36350 "Environmentally compatible products"

Product use

Typical energy consumption per year	ca. 87 kWh
Maintenance	Battery replacement (empty batteries are indicated by LED)
Environmental benefits	see notes on page 2

Environmental risk (fire)

Fire protection as per	EN60730
Fire load	ca. 28 MJ

Packaging

Folding box 20-PAP Corrugated board	171 g
Label 20-PAP Paper	1 g
Notes on disposal	One-way, recyclable

Materials		Total weight of device	3038 g
Plastics	PC	Cover	46 g
	PC	Light conductor	6 g
	EPDM	Rubber bars	27 g
	PET	Type label	1 g
	PET	Extractor	1 g
	PA66	Distance holder	1 g
Metals	Steel coated	Housing base	1200 g
	Steel coated	Housing cover	674 g
	Steel galvanized	14 screws	6 g
Others		Batterie AA	24 g
		BatteryCR2032	3 g
		Flat cable 2 pcs.	11 g
		Terminal strips	219 g
Circuit boards with components	CuSn/PA66	Main board	473 g
	FR4 TBBA SnAgCu	IO sub	326 g
	FR4 TBBA SnAgCu	Processor board	21 g
Special components	Batteries	Alkaline 1 pc.	(24 g)
		Li-MnO2 1 pc.	(3 g)
	Relays with precious metal contacts	16 pcs.	(128 g)

(Parts with weights in brackets are already included in components declared under materials.)

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste.

The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste.

Observe all local and applicable laws.

Notes

Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

- Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials
- Cd: < 0.01 % by weight in homogeneous materials

The device is halogen-free except the PCBs (TBBA) and the flat cables

Environmental benefits:

Universal, flexible programming with specific HVAC functions allows the optimization of building services, thereby reducing consumption of primary energy and thus the emission of CO₂, NO_x, SO₂, etc.

Minimum fire load because of steel sheet housing.

This declaration is for information purposes only.

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If you require further information on environmental aspects and disposal, contact your local Siemens branch office.