SIEMENS

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product

Type of equipment / Product No.	PXC5.E003	System Controller
	CFG3.F100	Controller
	CXE200	EPBD Device
Product line, product range	DESIGO	

Process control

Siemens Schweiz AG
Smart Infrastructure
Theilerstrasse 1a
CH-6300 Zug

Management System	since	by
ISO 9001 (Quality)	22.07.1986	SQS
ISO 14001 (Environment)	20.10.1998	SQS
OHSAS 18001 (OH&S)	01.01.2011	SQS

Environmentally compatible product design

Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, 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 with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption	59kWh/a according to base load of controller
Maintenance	Change of batteries Only when customer want's to use the feature to backup the RTC for more than 7 days.

Risk of fire

Fire protection according to	EN60730; UL916
Fire load	8MJ

Packaging

20-PAP Corrugated fibreboard	Folded bottom box	46g
22-PAP Paper	Packaging label	1g
Paper	Leaflet	4g
Notes on disposal	One-way, recyclable	

Materials

Total weight of device 351g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Plastics	PC	Upper housing section	72g
	PC	Battery cover	11g
	PBT+PP	Siemens label	1g
	PC	Button short	1g
	PC	Light guide	1g
	PC	Lower housing section	71g
	PC	Slider (3 pieces)	6g
Metals	Steel stainless	Wire spring (3 pieces)	1g
Others	PA/CuZn/Fe	Terminal block 2 pole (3 pieces)	12g
	PA/CuZn/Fe	Terminal block 3 pole (3 pieces)	17g

PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Main-Board PCBA	116g
	FR4; TBBA; solder SnAgCu	User-Interface PCBA	26g
	FR4; TBBA; solder SnAgCu	Connection PCB	2g
	FR4; TBBA; solder SnAgCu	Capricorn PCBA	17g

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

Regulation (EC) No. 1907/2006 (REACH)

The device contains the following substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.
Lead, CAS-Nr.7439-92-1; Silicic acid, lead salt, CAS-Nr.11120-22-2; Lead monoxide, CAS-Nr.1317-36-8

(Status according to the creation date of this document.)

The device is halogen-free with exception of:
PCB (TBBA)

Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Schweiz AG therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.