



Environmental Product Declaration

Product	Type of equipment / Product No.	S54370-N45-A1 / FDCH271	Housing base for gateway
		S54370-N46-A1 / FDCH272	Housing cover for gateway
		S54323-B114-A1 / FDRF272-O	Radio module
		S54323-N113-A1 / FDRA272-O	Antenna pe-assembled
Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH 6301 ZUG		
	Management System	since	by
	ISO 9001 (Quality)	15.04.2013	SQS
	ISO 14001 (Environment)	15.04.2013	SQS
	OHSAS 18001 (OH&S)	15.04.2013	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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
Product use	Typical energy consumption	variant *) see below	
	Maintenance	Change of batteries On notice	
	Fire load	variant *) see below	
Packaging	Polyester, Aluminium, Polyethylene	Metal shielding bag	variant
	20-PAP Corrugated fiber board	Packing for one piece	variant
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS	Housing base for gateway	variant
	ABS	Housing cover for gateway	variant
	PC	PCB-case	variant
Metals	CuZn; zinn plated	Antenna to FDCW241 bended	variant
	PCBAs (Printed Circuit Board assembled)	FR4	Radio module

***Variant parts list**

	S54370-N45-A1 / FDCH271	S54370-N46-A1 / FDCH272	S54323-B114-A1 / FDRF272-O	S54323-N113-A1 / FDRA272-O
Total weight of device	55	43	4	18
Housing base for gateway	54			
Housing cover for gateway		42		
PCB-case				15
Antenna to FDCW241 bended				3
Radio module			4	
Fire load	[MJ] 3	2	1	1
Typical energy consumption	[Wh/a] 11.4	0.1	0.1	0.1
Packaging				
Metal shielding bag	[g]		5	
Packing for one piece				28

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. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

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

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no 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.

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

The device is halogen-free.

Further notes and comments:

parts of the PCB are waxed for SO2 protection

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.