



Environmental Product Declaration

Product	Type of equipment / Product No.	FDCW241 BAT3.6-10	Radio Gateway Li-SOC12 Batt.Pack 3.6V, 10Ah
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	4-LDPE	Plastic bag	variant
	22-PAP paper	Product insert	variant
	21-PAP Fiber board	Folding box	variant
	PU-foam	Foam (Polyurethane)	variant
	PA	Cable ties	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	Module support	variant
	ABS	Cover	variant
	PC	PCB case	variant
Metals	CuZn37 (C2740/CW508L); tin plated	Antenna	variant
Others	PA, Cu, CrNi	Connectors (2 pcs)	variant
	Li-SOC12 Battery	Batteries / Accumulators	variant
PCBAs (Printed Circuit Board assembled)	FR4	Printed Circuit Board assembled	variant
	FR4	FDRF271 SWING RF-Module	variant

***Variant parts list**

	FDCW241	BAT3.6-10										
Total weight of device	[g] 155	92										
Module support	54											
Cover	42											
PCB case	15											
Antenna	2											
Connectors (2 pcs)	4											
Batteries / Accumulators		92										
Printed Circuit Board assembled	34											
FDRF271 SWING RF-Module	4											
Fire load	[MJ] 5											
Typical energy consumption	[Wh/a] 11.4											
Packaging												
Plastic bag	[g] 2											
Product insert	5											
Folding box	66											
Foam (Polyurethane)	20											
Cable ties	1											

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.