



Environmental Product Declaration

Product	Type of equipment / Product No.	FDM273-O, consists of: S54323-B109-A1 / FDMH273-R S54323-B311-A1 / FDME273-O S54370-Z11-A1 / BAT3.6-10	Housing red Switching unit Li-SOC12 Batt.Pack 3.6V, 10Ah
	Product line	SWiNG	
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	20-PAP Corrugated fiber board	Packing	variant
	22-PAP paper	Product insert	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	PC	Housing base	variant
	PC	Cover	variant
	PC	Sliding retainer	variant
	PC	Window	variant
	PP	Window shield	variant
	PA6	Key	variant
	ABS	Frontpanel	variant
	ABS	Button type B	variant
	ABS	Stopping leuer	variant
	ABS	PCB cover	variant
	PP	Instruction label	variant
Metals	Steel stainless	Screws	variant
	Steel stainless	Spring	variant
Others	Glass	Spare glass plate	variant
	Li-SOC12 Battery	Batteries / Accumulators	variant
	Paper	Shield "out of order"	variant

PCBAs (Printed Circuit Board assembled)

FR4
FR4

Printed Circuit Board assembled
FDRF272 SWING RF-Module

variant
variant

***Variant parts list**

	[g]	FDM273-O, consists of:	S54323-B109-A1 / FDMH273-R	S54323-B311-A1 / FDME273-O	S54370-Z11-A1 / BAT3.6-10
Total weight of device			278	100	92
Housing base			198		
Cover			58		
Sliding retainer			2		
Window			6		
Window shield			1		
Key			3		
Frontpanel				33	
Button type B				2	
Stopping leuer				3	
PCB cover				13	
Instruction label				2	
Screws				4	
Spring				1	
Spare glass plate			10		
Batteries / Accumulators					92
Shield "out of order"			1		
Printed Circuit Board assembled FDRF272 SWING RF-Module				38	
				4	
Fire load	[MJ]		9	3	
Typical energy consumption	[Wh/a]		8.8		
Packaging					
Packing	[g]		44	30	
Product insert			5	5	

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.