



Environmental Product Declaration

Product	Type of equipment / Product No.	S54323-F312-A1 / FDOOT271-O S54370-Z11-A1 / BAT3.6-10	Radio neural fire detector 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	detector - plastic bag	variant
	22-PAP paper	Product insert	variant
	20-PAP Corrugated fiber board	Cardboard box (1/20 of whole box)	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	Detector housing	variant
	ABS	Cover	variant
	ABS	Labyrinth	variant
	ABS	Support	variant
	PC	Light conductor, reception lens	variant
	ABS	Base radio detector	variant
Metals	CuZn37 (C2740/CW508L); tin plated	EMI cover	variant
	CuZn37 (C2740/CW508L); tin plated	Antenna	variant
	Steel stainless; steel	Pressure Spring	variant
Others	ABS+PC (V-0) with PA / Elasthan	Screen ring with stuff	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**

	[g]	S54323-F312-A1 / FDOOT271-O	S54370-Z11-A1 / BAT3.6-10												
Total weight of device		166	92												
Detector housing		21													
Cover		34													
Labyrinth		19													
Support		22													
Light conductor, reception lens		1													
Base radio detector		38													
EMI cover		2													
Antenna		2													
Pressure Spring															
Screen ring with stuff		5													
Batteries / Accumulators			92												
Printed Circuit Board assembled		18													
FDRF271 SWING RF-Module		4													
Fire load	[MJ]	6													
Typical energy consumption	[Wh/a]	8.8													
Packaging															
detector - plastic bag	[g]	3													
Product insert		4													
Cardboard box (1/20 of whole box)		24													

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.