



Environmental Product Declaration

Product	Type of equipment / Product No.	OH720, S54310-F2-A1	Multi-sensor Smoke Detector
	Product line, product range	FD18	
Process control	Beijing Siemens Cerberus Electronic Ltd. 1, Fengzhi East Road, Xibeiwang, Haidian District 100094, BEIJING / China		
	Management System	since	by
	ISO 9001 (Quality)	06.01.2001	LPCB
	ISO 14001 (Environment)	05.07.2005	SGS
	OHSAS 18001 (OH&S)	12.12.2011	SGS
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	1kWh/a	
		Voltage = 32V, rated current = 250uA; 32V*250uA=8mW	
	Maintenance	Follow BSCE service strategy	
	Fire load	4MJ	
Packaging	20-PAP Corrugated fibreboard	Folded box	42g
	6-PS Polystyrene	Dust cover	5g
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device	92g	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS	Upper Cover	36g
	ABS	separate plate	8g
	PA6	Bars	5g
	ABS+PC	Labyrinth	22g
	ABS	PCB cover	9g
Metals	CuZn; Tin - plated	EMI Received Shield	2g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	Multi sensor fire detector PCBA	11g

Building Parts

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)

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

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

The device is low-halogen 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.

Beijing Siemens Cerberus Electronic Ltd. 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.

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