SIEMENS

Smart Infrastructure
Building Products

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	SC-SP-WR-F	Spk (Wall,Red,Fire)
		SC-SP-WW-F	Spk(Wall,Wht,Fire)
		SC-SP-CR-F	Spk(Clg,Red,Fire)
		SC-SP-CW-F	Spk(Clg,Wht,Fire)
	Product line, Product range	AD40i UL Notification Speaker Strobe	

Process control

Beijing Siemens Cerberus Electronics Ltd.
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100094, Beijing, China

Management System	since	by
ISO 9001 (Quality)	06-January-2001	LPCB
ISO 14001 (Environment)	05-July-2005	SGS
OHSAS 18001 (OH&S)	12-December-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	0.053kWh/a	
		maximum consumption at 2W	
	Maintenance	Not necessary	
		NA	
Risk of fire	Fire protection according to	UL94	
	Fire load	14MJ	
Packaging	20-PAP Corrugated fibreboard	Box and insert	310g
	20-PAP Corrugated fibreboard	Carton and padding for 10 appliance	1,265g
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device		745 … 754g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS+PC	Faceplate and inner frame	280 … 290g
Metals	CuSn; tin-plating	Terminal flake	7g
	CuZn; passivating	Terminal screw	5g
	CuZn; tin-plating	Continuity switch	1g
	Steel; powder-coated	SPK frame	35g
	Ferrite	Magnet	79g
	Steel; zinc plated	T-Yoke, Washer, Screws and nut	135g
Others	Cu/PVC	SPK Wire hardness	2g
	Paper	SPK cone assy	3g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Main PCBA	9g
	FR4; TBBA; solder SnAgCu	SPK module PCBA	192g
Special components (part of the assembled PCB)	SPK module wire hardness	Cu/PVC	1pcs

(part of the assembled PCB)

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

Disposal

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible.
Observe all local and applicable laws.

For country-specific requirements regarding further disposal information:
http://www.siemens.com/download?A6V13734633

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); PVC cable

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 Electronics 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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