



Environmental Product Declaration

Product	Type of equipment / Product No.	SA-LFSS-WR-F	LF Sndr/Str(Wall,Red,Fire)
		SA-LFSS-WW-F	LF Sndr/Str(Wall,Wht,Fire)
		SA-LFSS-CR-F	LF Sndr/Str(Clg,Red,Fire)
		SA-LFSS-CW-F	LF Sndr/Str(Clg,Wht,Fire)
	Product line, Product range	AD40i UL Notification Addressable Low Frequency Sounder Strobe	
Process control	Beijing Siemens Cerberus Electronics Ltd. No.1 Fengzhi Dong Lu, Xi Bei Wang, Haidian District 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	0.329kWh/a $= (0.03616 * 24 * 365 + 4.096 * 3) / 1000$	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	UL 94	
	Fire load	12 ... 13MJ	
Packaging	20-PAP Corrugated fibreboard	Box and Carton per product	239 ... 250g
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device	455 ... 471g	
	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	151 ... 161g
	PC	Optical lens	13g
	ABS+PC	Inner frame	138g
Metals	CuSn; tin-plating	Terminal flakes	7g
	CuZn; passivating	Terminal screws	5g
	CuZn; tin-plating	Continuity switch	1g
	Steel; powder-coated	Speaker frame	32g
	Ferrite	Magnet	7g
	Steel; zinc plated	Screws and Nut	13 ... 19g
	Steel; tin-plating	Speaker plate	3g
Others	Cu/PVC	SPK Wire hardness	2g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Main PCBAs	83g

Smart Infrastructure
Building Products
assembled)

AL; low-halogen; solder SnAgCu	LED board with cable	5g
Special components (part of the assembled PCB)	LED wire hardness	Cu/PVC 2pcs

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 meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH 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.