



Environmental Product Declaration

Product	Type of equipment / Product No.	FDSB221 FDSB229 DBS721 DBS729 BP720 FDBZ296 FDBZ297 RS721 FDSB228 DBS728	Sounder interbase Sinteso Sounder beacon interbase Sinteso Sounder interbase Cerberus Pro Sounder beacon interbase Cerberus Pro Cover plate Cerberus Pro Cover plate Sinteso Seal Sinteso Seal Cerberus Pro Sounder beacon interbase Sinteso Sounder beacon interbase Cerberus Pro	
	Product line	Sinteso, Cerberus Pro		
	Process control	Siemens Switzerland Ltd Building Technologies Group Gubelstrasse 22 CH-6301 Zug		
		Management System	since	by
		ISO 14001 (Environment)	06.12.2002	Gerling Cert
		ISO 9001 (Quality)	06.11.1989	SQS/VdS
	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 250uA*33V*24h*365Tage = 72.3Wh/Jahr	
		Maintenance	no standard maintenance required in case of failure	
	Risk of fire	Fire protection according to	EN 60695-11-10:1999 min. FH-2 FV-2	
Fire load		variant *) see below		
Packaging	1-PET	plastic bag	variant	
	21-PAP Fiber board	folding box	variant	
	22-PAP paper	Installation instruction	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+PC	Piezo holder	variant	
	ABS+PC	Basis plate	variant	
	2K: TPE and PC	Light plate	variant	
	PC	Sounder plate	variant	
	ABS+PC	Splitter plate	variant	
	PC	Blanking plate	variant	
	ABS+PC	Preform Baseplate	variant	
	ABS+PC	Basis Plate	variant	
	2K: TPE and PC	Light plate	variant	
	PC	Sounder plate	variant	
	ABS+PC	Splitter plate	variant	
	PC	Blanking plate	variant	
	TPE	Seal	variant	
	Metals	CuSn	Pins Basplate	variant

	Steel	Detector contact to DBS72x	variant
	Steel	Loop contact to DBS72x	variant
	CuSn	PIN Basplate	variant
PCBAs (Printed Circuit Board assembled)	FR4	PCB ass. to FDSB229 (Sinteso)	variant
	FR4	PCB ass. to FDSB221 (Sinteso)	variant
	FR4	PCB ass. to DBS729 (Cerb Main)	variant
	FR4	PCB ass. to DBS721 (Cerb Main)	variant
	FR4	PCB ass. to DBS72x (Cerb Sub)	variant
	FR4	PCB ass. to FDSB228 (Sinteso)	variant
	FR4	PCB ass. to DBS728 (Cerb Main)	variant

***Variant parts list**

	[g]	FDSB221	FDSB229	DBS721	DBS729	BP720	FDBZ296	FDBZ297	RS721	FDSB228	DBS728
Total weight of device		173	185	207	219	28	34	19	24	185	219
Piezo holder		4	4	4	4					4	4
Basis plate		46	46							46	
Light plate		55	55							55	
Sounder plate		40	40							40	
Splitter plate			4							4	
Blanking plate							34				
Preform Baseplate		2	2							2	
Basis Plate				55	55						55
Light plate				67	67						67
Sounder plate				43	43						43
Splitter plate					4						4
Blanking plate						28					
Seal								19	24		
Pins Basplate		1	1							1	
Detector contact to DBS72x				4	4						4
Loop contact to DBS72x				1	1						1
PIN Basplate				3	3						3
PCB ass. to FDSB229 (Sinteso)			32								
PCB ass. to FDSB221 (Sinteso)		24									
PCB ass. to DBS729 (Cerb Main)					32						
PCB ass. to DBS721 (Cerb Main)				24							
PCB ass. to DBS72x (Cerb Sub)				6	6						6
PCB ass. to FDSB228 (Sinteso)										32	
PCB ass. to DBS728 (Cerb Main)											32
Fire load	[MJ]	6	6	6	7	1	2	1	1	6	7
Typical energy consumption	[kWh/a]	1	1	1	1					1	1
Packaging plastic bag	[g]					2	2	6	6		
folding box		44	44	44	44					44	44
Installation instruction		5	5	5	5					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

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

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 free from substances which interfere with lacquer wetting.

The device is halogen-free 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.

Siemens Switzerland 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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