



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	FR6:LB208710008	CGFT1100-01
<b>Product</b>	Type of equipment / Product No.	Aviation Smoke Detector / FR6:LB208710008	
	Designation	CGFT1100-01	
	Product line, product range	ASD Aeronautic	
<b>Process control</b>	SIEMENS SAS		
	617 Rue Fourny 78530 Buc - France		
	Management System	since	by
	ISO 9001 (Quality)	11.09.1997	BVQI
<b>Environmentally compatible product design</b>	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".		
<b>Product use</b>	Typical energy consumption	7kWh/a	Maximum value in nominal mode
	Maintenance	Optical chamber contamination	On notice
<b>Risk of fire</b>	Fire protection according to	ABD0031 (Aeronautic)	
	Fire load	3MJ	
<b>Packaging</b>	20-PAP Corrugated fiber board	Main package	102g
	2-HDPE; bentonite	Desiccant bag	46g
	4-LDPE	Platic bag	6g
	4-LDPE	Document holder	4g
	22-PAP paper	Label	3g

	Notes on disposal	recyclable	
<b>Materials</b>	Total weight of device		454g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	NBR	O-ring	3g
	VMQ Silicone rubber	Connector seal + Wedge foam	2g
	ABS	Labyrinth base	19g
	ABS	Labyrinth	14g
Metals	Steel stainless	Accessories	9g
	Al alloy; Alodine 1200	Machined box	203g
	Al alloy; Alodine 1200	Machined lid	106g
	CuZn	Spacer	11g
Others	Steel stainless/elastomère/or plating nickel	Connector	19g
	Copper/PTFE	Cable / Wire	5g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnPb	CE CU6130 CGFT1100-00	45g
	FR4; TBBA; solder SnPb	CE CP6180 CGAB1201-01	25g

Special components  
(part of the assembled PCB)

**\*Variant parts list**

	FR6:LB20871000											
	8											
Total weight of device	[g]	454										
O-ring		2										
Connector seal + Wedge foam		2										
Labyrinth base		19										
Labyrinth		14										
Accessories		8										
Machined box		202										
Machined lid		106										
Spacer		10										

Connector	18												
Cable / Wire	4												
CE CU6130 CGFT1100-00	44												
CE CP6180 CGAB1201-01	24												
Fire load	[MJ]	3											
Typical energy consumption	[kWh/a]	7											
Special components (part of the	[pcs]												
Packaging													
Main package	[g]	101											
Desiccant bag		46											
Platic bag		6											
Document holder		4											
Label		3											

**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.

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**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 halogen-free with exception of:  
PCB (TBBA); PTFE cable

**Environmental benefits**

Serves for the early detection of fires.  
Low energy consumption.

**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 SAS 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.

07.09.2017