



Environmental Product Declaration

Product	Type of equipment / Product No.	A6E60200706 A6E60200707 A6E60200709 A6E60200708 A6E60200710	PPA1104-01 PPA1205-01 PPA2102-01 GPA1104-01 GPA1204-01
	Product	Type of equipment / Product No.	Aviation Smoke Detector : A6E60200706, A6E60200707, A6E60200709, A6E60200708 and A6E60200710
	Designation	PPA1104-01, PPA1205-01, PPA2102-01, GPA1104-01 and GPA1204-01	
	Product line	Obso_AMI	
	Process control	SIEMENS SAS	
	617 Rue Fourny 78530 Buc / France		
	Management System	since	by
	ISO 9001 (Quality)	11.09.1997	BVQI
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 Maximum value in nominal mode	
	Maintenance	Optical chamber contamination	
Risk of fire	Fire protection according to Fire load	ABD0031 (Aeronautic)	
Packaging	20-PAP Corrugated fiber board	Main Package	87g
	HDPE, Bentonite	Desiccant Bag	46g
	4-LDPE	Plastic Bag + Document holder	variant
	22-PAP paper	Labels	4g

	Notes on disposal	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	PEI (Polyetherimide); halogen-free	Cover	variant	
	ABS; halogen-free	Labyrinth base	15g	
	ABS; halogen-free	Labyrinth	14g	
	Silicone 50Z24; halogen-free	Machined box seal	variant	
	Elastomère 31B3; halogen-free	Machined box seal	variant	
Metals	Steel stainless	Accessories	variant	
	Al alloy; Surtec 650	Machined base	variant	
	Steel stainless	Filter	variant	
	AlCu; Surtec 650	Spacer	variant	
	Al alloy-Silicone elastomere	Connectors	variant	
	Copper alloy; Gold over nickel	Contacts	variant	
	Al alloy; Surtec 650	Cover	variant	
	Al alloy; Surtec 650	Retaining flange	variant	
	Al alloy; Surtec 650	Support cell	variant	
	Aluminium; Surtec 650	Lower half shell	variant	
	Aluminium; Surtec 650	Upper half shell	variant	
	Al alloy; Surtec 650	Machined base	variant	
	Al alloy; Surtec 650	Housing cover	variant	
	Others	Polyimide/PTFE	Heater element	variant
		PTFE-Cu	Cable / Wire	4g
Acétate d'ethyle		BLOC LUBE RED	3g	
		Diluant PU	variant	
		ISOX vernis incolore BT	variant	
	ISOX durcisseur NJ EX 1890	variant		
PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	PCBA CU6320	variant	
	FR4; solder SnAgCu	PCBA CP6152	16g	
	FR4; solder SnAgCu	PCBA CA6310	variant	

Special components
(part of the assembled PCB)

***Variant parts list**

	A6E60200706	A6E60200707	A6E60200709	A6E60200708	A6E60200710								
[g] Total weight of device	308	324	324	463	350								
Cover	96	96	85										
Labyrinth base	15	15	15	15	15								
Labyrinth	14	14	14	14	14								
Machined box seal				6									
Machined box seal					8								
Accessories	17	18	17	18	19								
Machined base	77	51	78										
Filter	3	3	3										
Spacer	14	14	14	10	12								
Connectors	15	15	22	15	15								
Contacts	3	3	3	3	3								
Cover		41											
Retaining flange				2	2								
Support cell				5									
Lower half shell				170									
Upper half shell				147									
Machined base					79								
Housing cover					126								

Heater element			1																	
Cable / Wire	3	3	4	3	3															
BLOC LUBE RED	3	3	3	3	3															
Diluant PU	2	2	3	2	2															
ISOX vernis incolore BT	4	4	5	4	4															
ISOX durcisseur NJ EX 1890	2	2	3	2	2															
PCBA CU6320	25	25	25	27	27															
PCBA CP6152	16	16	16	16	16															
PCBA CA6310			13																	
Fire load	[MJ]	#N/A	#N/A	#N/A	#N/A	#N/A														
Typical energy consumption	[kWh/a]	1	1	15	1	1														
Special components (part of the	[pcs]																			
Packaging																				
Main Package	[g]	87	87	87	87	87														
Desiccant Bag		46	46	46	46	46														
Plastic Bag + Document holder		10	10	10	15	15														
Labels		3	3	3	3	3														

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 to. 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 halogen-free with exception of:
PCB (TBBA); PVC cable; Heater element

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

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.

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