



Environmental Product Declaration

Product	Type of equipment	DOW1171	
	Designation	Radio smoke detector	
	Product line	DS11	
Process control	Siemens Switzerland Ltd Building Technologies Group Gubelstrasse 22, CH-6301 Zug		
	Management system certified	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 assess, 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 Siemens Standard SN 36350 "Environmentally compatible products".		
Product use	Typical energy consumption per year	5 Wh/a	
	Maintenance	Change of batteries	
		By notice on control panel	
Risk of fire	Fire load	8 MJ	
Packaging	4-LDPE	PE-bag	3g
	20-PAP Corrugated fiber board	Folding box	48g
	Notes on disposal	One-way, recyclable	

Materials			Total weight device	335 g
Plastics	ABS	halogen-free	Cover ring	19 g
	ABS	halogen-free	Protective cover	25 g
	ABS	halogen-free	Labyrinth	14 g
	PC		Abdeckung	36 g
	ABS	halogen-free	Base DBW1171	67 g
	PP	halogen-free	Träger vormontier	32 g
	Metals	CrNi steel		Screws
Stainless steel			Distanzbuchse	13 g
Others	ABS/Stainless steel		Screen DO/DOT11	13 g
	Li/MnO2		Battery U9VL_Li	72 g
PCB assembled	FR4, SnAgCu		SPU6001	17 g
	FR4, SnAgCu		PCB to DOW1171 BGR.	23 g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Special Components

(g)

Weights in brackets are already included in components declared under materials.

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should 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

Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials

Cd: < 0.01 % by weight in homogeneous materials

The device is antimony-free.

Environmental benefits:

- Serves for the early detection of fires and prevents the discharge of toxic gases.
- Easily removable. Disassembling is possible without any important effects regarding waste disposal.
- Very low energy consumption.

This declaration is for information purposes 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.