



Environmental Product Declaration

Product	Type of equipment	OP720	
	Designation	Optical Smoke Detector	
	Product line	FD720	
Process control	BSCE		
	No. 18 Xin Xi Road, Haidian District Beijing, 100085		
	Management System	since	by
	ISO 14001 (Environment)	08.05.2008	SGS
	ISO 9001 (Quality)	13.03.2008	LPCB
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 Siemens Standard SN 36350 "Environmentally compatible products".		
Product use	Typical energy consumption per year	0.07 kWh/a	
	Maintenance	Not necessary na	
Risk of fire	Fire protection according to	not applicable, delete row	
	Fire load	3.1 MJ	
Packaging	20-PAP Corrugated fiber board	Carton Box	21 g
	4-LDPE	Bag	2 g
	Notes on disposal	recyclable	

Tool for the creation of an EPD

Materials				Total weight device	89 g
Plastics		ABS	halogen-free	Labyrinth	23 g
		ABS	halogen-free	PCb Cover	9 g
		ABS	halogen-free	bars	5 g
		ABS	halogen-free	Upper Cover	36 g
		PS	halogen-free	Dust Cover	5 g
PCB assembled	FR4	halogen-free	SnAgCu	Multi sensor smoke detector PCB	11 g

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

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 halogen-free

Environmental benefits

- Serves for the early detectoin of fire and prevents the discharge of toxic gases.
- Very low power consumption.
- Easy removable. Disassembling is possible without any important effects regarding waste disposal.

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.

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