



Environmental Product Declaration

Product	Type of equipment	HI112	
	Designation	Thermal / fire detector	
	Product line	FD18C-MP2	
Process control	Beijing Siemens Cerberus Electronic Ltd.		
	No. 1 Fengzhi Donglu, Xibeiwang Haidian District, Beijing 100094 PR China		
	Management System	since	by
	ISO 14001 (Environment)	2000-10	SGS
	ISO 9001 (Quality)	2001-4	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 kWh/a	
	Maintenance	Not necessary NA	
Risk of fire	Fire protection according to	not applicable, delete row	
	Fire load	3 MJ	
Packaging	20-PAP Corrugated fiber board	Carton Box	44 g
	Notes on disposal	recyclable	

Materials				Total weight device	86 g
Plastics	ABS	halogen-free	Upper cover		36 g
	ABS	halogen-free	NTC Holder		12 g
	PC	halogen-free	LED Guider		1 g
	ABS	halogen-free	PCB Holder		17 g
	ABS	halogen-free	PCB Cover		10 g
PCB assembled	FR4	TBBA	SnNiCu	Blank Board	11 g

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 too. 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 except the PCBs (TBBA)

Environmental benefits

- Serves for the early detectoin of fire.
- Very low power consumption.
- Easy removable. Disassembling is possible without any important effects regarding waste disposal.
- All component satisfy Rohs and mechanical part can recycle.

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 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.