




Environmental Product Declaration

Product	Type of equipment	FDCAI221		
	Designation	Addressable Alarm Indicator		
	Product line	FD20		
Process control	BSCE			
	No. 18 Xin Xi Road, Haidian District Beijing, 100085			
	Management System	since	by	
	ISO 14001 (Environment)	2008-5-8	SGS	
	ISO 9001 (Quality)	2008-3-13	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		
Risk of fire				
	Fire load	1.5 MJ		
Packaging	4-LDPE	Packing for one piece		1 g
	Notes on disposal	recyclable		

Materials		Total weight device			57 g
Plastics		PC	halogen-free	EAI Red Lens	2 g
		ABS+PC	halogen-free	FDCAI221 Upper Cover	21 g
		PC	halogen-free	FDCAI221 Light Guider	2 g
		PA66 GF 30	halogen-free	FDCAI221 Black Base	19 g
PCB assembled	FR4	halogen-free	SnAgCu	1	14 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

The device is antimony-free.

Environmental benefits

- 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.

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.