



Environmental Product Declaration

Product	Type of equipment	FCM2006-A2 / FCM2007-A2	
	Designation	Operating add-on (2xLED ind.) / (4xLED)	
	Product line	FS 20	
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	4 kWh/a FCM2006-A2 / 7 kWh/a FCM2007-A2	
	Maintenance	not necessary	
Risk of fire	Fire load	34 MJ, FCM2007-A2 29 MJ, FCM2006-A2	
	Packaging	20-PAP Corrugated fibre board	Operator unit
	20-PAP Corrugated fibre board	Insert operator unit	315 g
	20-PAP Corrugated fibre board	Packaging insert cover	122 g
	Notes on disposal	One-way, recyclable	

Materials			Total weight device	chart*
Plastics	ABS+PC	halogenated	FHA2011-A2 Cover cap	645 g
	Polyester foil		Design foil to FCM	41 g
	Q Silicone rubber		Isolation pad	chart*
Metals				
	Steel	zinc plated	FCM2011-A1 Support op. add-on	chart*
	Steel	zinc plated	Screws	15 g
Others				
	PBT GF, Be/Cu, PVC		Ribbon cable L= 90	chart*
	PBT GF, Be/Cu, PVC		Ribbon cable L=650	chart*
	PBT GF, Be/Cu, PVC		Ribbon cable L=840	chart*
PCB assembled				
	FR4	TBBA	SnAgCu	PCB cpl. FTO2002-A1 LED Ind. chart*

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

*Variant parts list

	FCM2006-A2	FCM2007-A2	
Total weight of device	2098 g	2428 g	
Isolation pad	166 g	332 g	2 pcs / 4 pcs
Ribbon cable L=90	18 g	54 g	1 pc / 3 pcs
Ribbon cable L=650	----	40 g	
Ribbon cable L=840	50 g	----	
PCB cpl. FTO2002-A1 LED Ind.	138 g	276 g	2/4 pcs

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

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.