



Environmental Product Declaration

Product	Type of equipment	Operating unit	
	Designation	FCM2028-B2	
	Product line	FS20	
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	19 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire load	33.7 MJ	
Packaging	20-PAP Corrugated fiber board	Packaging operating unit	370 g
	20-PAP Corrugated fiber board	Folding box to op. unit	132 g
	20-PAP Corrugated fiber board	Corrugated fiber board	260 g
	Polyester, polyethylene	Static shielding bag	23 g
	PE	Plastic bag	20 g
	Notes on disposal	One-way, recyclable	

Materials		Total weight of device	2441 g
Plastics	ABS+PC, halogenated	FHA2011-A2 cover cap	645 g
	Q Silicone rubber, halogenated	FCM2012-A1 Keypad	239 g
	PVC rigid, halogenated	Flat cable mounting	6 g
	ABS, halogenated	Lock NORDIC	7 g
	PA	Switching lever	2 g
	Polyester foil	Design foil	41 g
Metals	Steel, zinc plated	FCM2009-A1 support op. unit	977 g
	Steel, zinc plated	Screws	27 g
	CrNi steel	Shielding plate PMI	47 g
	CrNi steel	Clip to KABA-Cylinder	3 g
	Steel, zinc plated	Lock carrier	3 g
	Brass	Key NORDIC	30 g
Others	PBT GF, Be/Cu, PVC	34. pol. cable	38 g
PCB assembled	FR4, TBBA, SnAgCu	FCM2027 PMI- & Mainboard	358 g
	FR4, TBBA, SnAgCu	FCC2006-A1 CPU Modul	18 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

Environmental Benefits:

- **Servers 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.**

Legal disclaimer: 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.