



Environmental Product Declaration

Product	Type of equipment	Fire control panel kit (modular)	
	Designation	FC2030 FX	
	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	285 kWh/a	
	Maintenance	not necessary	
Risk of fire	Fire load	34 MJ	
Packaging	20-PAP Corrugated fiber board	Packing Rear Standard	552 g
	20-PAP Corrugated fiber board	Packing 298x192x143mm	184 g
	20-PAP Corrugated fiber board,	Shift box 310x230x65mm	204 g
	PU foam	Foam	80 g
	20-PAP Corrugated fiber board,	Packing Power Sup. (4pcs)	380g
	PU foam	Foam	18 g
	20-PAP Corrugated fiber board	Folding box to op. unit	131 g
	20-PAP Corrugated fiber board	Packing DM1151	27 g
	22-PAP Paper	Mounting Fx20 Components	6 g
	Polyester, Aluminum, Polyethylene	Static shielding bags	55 g
	PU-Foam	Foam	21 g
	Polyethylene	PE-bags	8 g
	Notes on disposal	One-way, recyclable	

Materials			Total weight of device	4247 g	
Plastics	Q Silicone rubber		FCM2013-F1 Keypad (France)	239 g	
	Polyester foil		Design foil	41 g	
	PBT GF, Be/Cu, PVC		34pol. Ribbon cable L=670mm	22 g	
	Polyester foil		Inscription stripes	5 g	
	PVC rigid	halogenated	Flat cable mounting (2pcs)	6 g	
	Plastic		Accessories	5 g	
Metals	Steel	zinc plated	FCM2009-A1 Support op. unit	977 g	
	Steel	zinc plated	Shielding plate and accessories	676 g	
	Steel	zinc plated	Screws	20 g	
	Steel	zinc plated	Accessories	8 g	
	Steel	zinc plated	Spacer bolts SW5,5/M3 (2pcs)	4 g	
Others	PVC, Cu		SV 24V-150W Power sup. (150W)	1125 g	
	PA, Cu, CrNi		Control wire LIYY	10 g	
PCB assembled	FR4	TBBA	SnAgCu	Connectors (3pcs)	52 g
	FR4	TBBA	SnAgCu	FCA2007-A1 Card cage (2slot)	500 g
	FR4	TBBA	SnAgCu	PMI- & Mainboard FCM2004	312 g
	FR4	TBBA	SnAgCu	FCI2002-A1 Periphery board (2loop)	197 g
	FR4	TBBA	SnAgCu	Processorboard for FS20 (unpacked)	18 g
	FR4	TBBA	SnAgCu	FCA2002-A1 RS485 module (isolated)	18 g
	FR4	TBBA	SnAgCu	FCA2006-A1 Connection mod. (Card cage)	15 g

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

Special components

Batteries

The batteries are furnished by the installer. Information on the environmental declaration is available from the installer or directly from the battery manufacturer

Capacitors > 12cm ³ , 2pcs	On PCB-Ass. to FP2001-A1 Power sup. (150W)	(40 g)
Terminal block, PA 6.6/PBT/St.	On periphery board	(27 g)

Weights in brackets are already included in components declared under materials.

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:

- 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.

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.