



Environmental Product Declaration

Product	Type of equipment	Fire control panel	
	Designation	FC2060 FA	
	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	88 MJ	
Packaging	20-PAP Corrugated fiber board, 2 pcs	Packaging operator unit	770 g
	20-PAP Corrugated fiber board, 2 pcs	Packaging insert op. unit	315 g
	20-PAP Corrugated fiber board, 2 pcs	Packaging insert cover	120 g
	20-PAP Corrugated fiber board	Packaging Rear Large	1270 g
	20-PAP Corrugated fiber board	Packing DM1151	27 g
	Polyester, polyethylene	Static shielding bag 76x127	3 g
	Polyester, polyethylene	Static shielding bag	26 g
	PE	Plastic bags	80 g
	Foam, 2 pcs	Foam 100x85x25	6 g
Notes on disposal	One-way, recyclable		

Materials		Total weight of device	21143g
Plastics	ABS+PC, halogenated	FHA2011-A2 Cover cap	645 g
	ABS+PC, halogenated	FHA2011-A1 Cover cap	645 g
	Q Silicon rubber	FCM2012-A1 Keypad	239 g
	Q Silicon rubber	Isolation pad	332 g
	PVC rigid	Flat cable mounting	3 g
	Polyester foil, 2 pcs	Design foil to FCM	82 g
	Plastic	Accessories	10 g
Metals	Steel, Zn galvanized, powder-coated	FHA2003-A1 Rear cpl (Large)	11850g
	Steel, zinc plated	FCM2009 support op. unit	977 g
	Steel, zinc plated	FCM2014 support op. add-on	1145 g
	Steel, zinc plated	FHA2019-A Mounting plate (CC)	1590 g
	Steel, zinc plated	Shielding plate and accessories	676 g
	Steel, zinc plated	TS35 Hat mounting rail L420 (2x)	264 g
	Steel, zinc plated	Screws	77 g
	CuZn, nickel plated	Spacer bolts	4 g
Others		SV 24V-150W Power Supply	1125 g
	PA, PBT, PVD, Cu-Alloy, Zn	Cable-kit to 2HU, 150W	151 g
	PA6.6, Cu, CrNi, 4 pcs	Connection terminals (TS35)	32 g
	PA	Cover plate orange (TS35)	4 g
	PBT GF, Be/Cu, PVC	34.pol Cable	20 g
	PBT GF, Be/Cu, PVC	Ribbon cable L=45	3 g
	PBT GF, Be/Cu, PVC	24.pol Ribbon cable L=850	36 g
	PA6.6, Cu, CrNi, 2 pcs	Final cramp	8 g
	PVC, Cu	Control wire LIYY	10 g
	PVC, Cu	Strands	25 g
PCB assembled	FR4, TBBA, SnAgCu	FCM2004-A1 PMI- & Mainboard	312 g
	FR4, TBBA, SnAgCu	FCM2008-A1 Card cage (5slot)	545 g
	FR4, TBBA, SnAgCu	FCI2004-A1 Periphery board (4-Loop)	300 g
	FR4, TBBA, SnAgCu	Processorboard	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.