



Environmental Product Declaration

Product	Type of equipment	Fire control panel	
	Designation	FC2040-GA	
	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
Environmentally compatible product design	ISO 9001 (quality)	06.11.1989	SQS/VdS
	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 protection according to	EN54-2 12/97 / EN54-13 /EN54-4 12/97	
	Fire load	75 MJ	
Packaging	20-PAP Corrugated fiber board, (2pcs)	Operator unit	740 g
	20-PAP Corrugated fiber board, (2pcs)	Insert operator unit	480 g
	20-PAP Corrugated fiber board, (2pcs)	Insert cover	246 g
	20-PAP Corrugated fiber board	Rear Large	1270 g
	20-PAP Corrugated fiber board	Insert drilling gage	666 g
	Polyester, Aluminium, Polyethylene (2pcs)	Static shielding bag	52 g
	22-Pap paper	Montage Fx20xx Fire control panel	51 g
	Notes on disposal	One-way, recyclable	

Materials				Total weight of device	19626 g
Plastics	ABS+PC		Halogenated	FHA2011-A2 Cover cap	645 g
	ABS+PC		Halogenated	FHA2011-A1 Cover cap	645 g
	Q Silicone rubber			Keypad to FCM2012-A1	239 g
	Q Silicone rubber			Pole protective cap (4 pcs.)	28 g
	PVC rigid			Flat cable mounting (3 pcs.)	9 g
	PVC soft			Edge protection profile 1,1-1,5 (l=1m)	5 g
	PA			Cover plate orange (TS35)	4 g
	Polyester foil			Design foil to FCM (2 pcs.)	82 g
Metals	Steel		Zn galv. Zincor	FHA2005-A1 Rear cpl (Large)	11850 g
	Steel		Zinc plated	FCM2009-A1 Support Operating unit	977 g
	Steel		Zinc plated	Screws	53 g
	Steel		Zinc plated	FCM2014-A1 Support op. Add-on	1145 g
	Steel		Zinc plated	FHA2019-A1 Mounting plate	340 g
	Steel		Zinc plated	Mounting rail (L70+2xL420)	1562 g
	Steel		Zinc plated	Accessoires	6 g
	CuZn		Nickel plated	Spacer bolts SW5,5/M3, (2pcs.)	4 g
	CrNi steel			Fastening angle Supply 150W	27 g
Others	PBT GF, Be/Cu, PVC			34 pitch Ribbon cable	38 g
				SV 24V-150W Power sup. (150W)	1125 g
	PVC, CU			Control wire LIYY	10 g
	PVC, Steel			Edge protection profile (3 types)	40 g
	PA, PBT, PVC, Cu-Alloy, ZN			Cable-kit to 2HU, 150W	151 g
	PA6.6, Cu, CrNi			Disconnection terminal 2.5 MM2 (TS35) 3L	13 g
	PA6.6, Cu, CrNi			Terminal 2.5 MM2 (TS35)	8 g
	PA6.6, Cu, CrNi			Protective terminal 2.5 MM2 (TS35) 3L	11 g
			Final vramp 6 MM (TS35)	8 g	
PCB assembled	FR4	TBBA	SnAgCu	FCM2004 PMI- & Mainboard	312 g
	FR4	TBBA	SnAgCu	FCI2004-A1 Periphery board (4-loop)	300 g
	FR4	TBBA	SnAgCu	FCC2001-A1_CPU_Modul_855	18 g
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 > 12cm3, 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

Materials:

The device is free from substances:

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.

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.