



Environmental Product Declaration

Product	Type of equipment	Fire control panel	
	Designation	FC721-YZ	
	Product line	FS20 / Cerberus	
Process control	Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	06.12.2002	Gerling Cert/Deloitte
	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	142 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire load	44 MJ	
Packaging	20-PAP Corrugated fibre board	Operator unit	370 g
	20-PAP Corrugated fibre board	Insert operator unit	240 g
	20-PAP Corrugated fibre board	Insert cover	123 g
	20-PAP Corrugated fibre board	Rear Eco	403 g
	20-PAP Corrugated fibre board	Insert drilling gage 1HU	256 g
	Polyester, Aluminium, Polyethylene	Static shielding bag	26 g
	PE	Plastic bags	50 g
	Notes on disposal	One-way, recyclable	

Materials				Total weight of device	6904 g
Plastics	ABS+PC	halogenated	FHA7201-A1 Cover cap (Cerberus)	674 g	
	Q Silicone rubber		FCM2012-A1 Keypad (International)	239 g	
	Q Silicone rubber		Isolation pad	83 g	
	PVC rigid		Flat cable mounting	3 g	
	Polyester foil		Design foil	41 g	
	PA		Cover plate orange (TS35)	4 g	
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Metals	Steel	Zn galv., Zincor	FHA2001-A1 Rear cpl (Eco)	3550 g	
	Steel	zinc plated	FCM2010-A1 Support operation unit	942 g	
	Steel	zinc plated	Screws	34 g	
	CuZn	Nickel plated	Spacer bolts SW5,5/M3, 2pcs	4 g	
	Steel	zinc plated	TS35 Hat mounting rail L70	22 g	
	Aluminum	raw	Housing base to Power Sup. 70W	209 g	
	Aluminum	raw	Housing cover to Power Sup. 70W	120 g	
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Others	PBT GF, Be/Cu, PVC		34 pitch Ribbon cable	20 g	
	PBT GF, Be/Cu, PVC		20 pitch Ribbon cable	3 g	
	PA6.6, Cu, CrNi		Final cramp	8 g	
	PA, PBT, PVC, Cu-Alloy, Zn		Cable-kit to 1HU, 70W	88 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) 3	11 g	
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PCB assembled	FR4	TBBA	SnAgCu	FCM2004-A1 PMI- & Mainboard	312 g
	FR4	TBBA	SnAgCu	FCI2010-A1 Periphery board (1-loop)	190 g
	FR4	TBBA	SnAgCu	Processorboard	18 g
	FR4	TBBA	SnAgCu	PCB cpl FTO2002-A1 LED Ind.	69 g
	FR4	TBBA	SnAgCu	PCB-Ass. to FP2001-A1 Power sup. (70W)	239 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 > 12 cm3	PCB-Ass. to FP2001-A1 Power sup. (70 W) (2 pcs)	(20 g)
terminal block, PA	PCB-Ass. to FP2001-A1 Power sup. (70 W)	(26 g)
CB Angle, aluminium	PCB-Ass. to FP2001-A1 Power sup. (70 W)	(12 g)
transformer	PCB-Ass. to FP2001-A1 Power sup. (70 W)	(40 g)
choke	PCB-Ass. to FP2001-A1 Power sup. (70 W)	(25 g)

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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.

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.