



Environmental Product Declaration

Product	Type of equipment	FP2003-A1 / FP2004-A1 / FP2005-A1			
	Designation	Power supply kit 70W / 150W A, B			
	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		
	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	39 kWh/a, FP2003-A1 79 kWh/a, FP2004-A1 / FP2005-A1			
	Maintenance	not necessary			
Risk of fire	Fire load	5 MJ, FP2003-A1 12 MJ, FP2004-A1 11 MJ, FP2005-A1			
	Packaging	FP2003-A1	20-PAP Corrugated fibre board, 2 pcs	Folding box 230x135x8	110 g
		FP2004-A1 /	20-PAP Corrugated fibre board, 2 pcs	Folding box 243x200x97	180 g
FP2005-A1		PU foam S-30	Foam 225x130x25	18 g	
	Notes on disposal	One-way, recyclable			

Materials				Total weight device	chart*
Plastics					
	PC			Fixing angel	chart*
	Mylar, BOPET			Insulation sheet	chart*
Metals					
	Aluminum	raw		Housing base to FP2001-A1 Power Sup. 70W	chart*
	Aluminum	raw		Housing cover to FP2001-A1 Power Sup. 70W	chart*
	Stainless steel			Housing cover to FP2001-A1 Power Sup.150 W	chart*
	Aluminum			Housing base to FP2001-A1 Power Sup. 150 W	chart*
	Aluminum			CB Angle	chart*
	Steel	zinc plated		Screws	2 g
	Aluminum			Metal fixedeness plate	chart*
Others					
	PA, PBT, PVC, Cu-Alloy, Zn	halogenated		Cable-kit to 1HU, 70W	chart*
	PA, PBT, PVC, Cu-Alloy, Zn	halogenated		Cable-kit to 2HU, 150W	chart*
	PA, PBT, PVC, Cu-Alloy, Zn	halogenated		Cable-kit to FP2004-A1	chart*
	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
	PA			cover plate orange (TS35)	4 g
	PA6.6, Cu, CrNi	2 pcs.		Final cramp	8 g
				Control wire LIYY to V24230-Z6-A3	chart*
PCB assembled					
	FR4	TBBA	SnPb	PCB-Ass. to FP2001-A1 Power sup. (70W)	chart*
	FR4	TBBA	SnPb	PCB-Ass. to FP2004-A1 Power sup. (150 W)	chart*

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

*Variant parts list

	FP2003-A1	FP2004-A1	FP2005-A1
Total weight of device	714 g	1286 g	1181 g
Fixing angel	----	7 g	7 g
Insulation sheet	----	14 g	14 g
Housing base to FP2001-A1 Power Sup. 70W	209 g	----	----
Housing cover to FP2001-A1 Power Sup.70W	120 g	----	----
Housing cover to FP2001-A1 Power Sup.150 W	----	190 g	190 g
Housing base to FP2001-A1 Power Sup. 150 W	----	205 g	205 g
Metal fixedness plate	----	15 g	15 g
CB Angle	12 g	----	----
Cable-kit to 1HU, 70W	88 g	----	----
Cable-kit to 2HU, 150W	----	151 g	----
Cable-kit to FP2004-A1	----	----	100 g
Control wire LIYY to V24230-Z6-A3	----	10 g	----
PCB-Ass. to FP2001-A1 Power sup. (70W)	239 g	----	----
PCB-Ass. to FP2004-A1 Power sup. (150 W)	----	648 g	648 g

Special Components

Capacitors > 12 cm3	on PCB-Ass. to FP2001-A1 Power sup. (70W)	2 pcs.	(40 g)
	on PCB-Ass. to FP2001-A1 Power sup. (150 W)	2 pcs.	(46 g)
Transformer	on PCB-Ass. to FP2001-A1 Power sup. (150 W)	2 pcs.	(360 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

Power supply kit 70W:

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:

- Easily removable. Disassembling is possible without any important effects regarding waste disposal.
- Very low energy consumption.

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.