



Environmental Product Declaration

Product	Type of equipment	FH2001-A1 / FH2001-E1 / FH2001-G1 / FH2002-A1 / FH2003-A1 / FH2004-A1 / FH2005-A1 / FH2006-A1 / FH2007-A1 / FH2008-B1		
	Designation	Housing /Plan compartment (A3)		
	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	4 kW/a / 7 kWh/a / FH2001-E1 / -G1		
	Maintenance	not necessary		
Risk of fire	Fire load	34 MJ, FH2001- G1		
		29 MJ, FH2001- E1		
Packaging	FH2001-A1/E1/G1	20-PAP Corrugated fibre board	Rear Eco	424 g
	FH2002-A1 / FH2003-A1	20-PAP Corrugated fibre board	Rear Standart	552 g
		20-PAP Corrugated fibre board	Insert drilling gage	333 g
	Operating add on	20-PAP Corrugated fibre board	Operator unit	770 g
		20-PAP Corrugated fibre board	Insert operator unit	315 g
20-PAP Corrugated fibre board		Packaging insert cover	122 g	
	Notes on disposal	One-way, recyclable		

Materials			Total weight device	chart*	
Plastics	ABS+PC	halogenated	FHA2011-A2 Cover cap	645 g	
	Polyester foil		Design foil to FCM	chart*	
	Q Silicone rubber		Isolation pad	chart*	
Metals	Steel	zinc plated	FCM2010-A1support Operating unit	chart*	
	Steel	zinc plated	FCM2011-A1 Support op. add-on	chart*	
	Steel	zinc plated	FCM2014-A1 Support op. add-on	chart*	
	Steel	Zn galv., Zincor	FHA2001-A1 Rear cpl (Eco)	chart*	
	Steel	Zn galv., Zincor	FHA2002-A1 Rear cpl (Standard)	chart*	
	Steel	Zn galv., Zincor	FHA2003-A1 Rear cpl (Comfort)	chart*	
	Steel	Zn galv., Zincor	FH2004-A1 Rear cpl (Large extension)	chart*	
	Steel	Zn galv., Zincor	FHA2005-A1 Rear cpl (Large)	chart*	
	Steel	zinc plated	TS35 Hat mounting rail L175	chart*	
	Steel	zinc plated	TS35 Hat mounting rail L150	chart*	
	Steel	zinc plated	TS35 Hat mounting rail L70	chart*	
	Steel	zinc plated	Screws	15 g	
	Others	PBT GF, Be/Cu, PVC		Ribbon cable L= 90	chart*
		PBT GF, Be/Cu, PVC		Ribbon cable L=650	chart*
PBT GF, Be/Cu, PVC			Ribbon cable L=840	chart*	
Steel, zinc-plated, polyester foil, brass			FHA2009-C1 Plan comp. (A4)	chart*	
PCB assembled	FR4	TBBA SnAgCu	PCB cpl. FTO2002-A1 LED Ind.	chart*	

Plan compartment (A3), FH2008-B1 parts list

Materials			Total weight device	5140 g
Plastics	ABS+PC	halogenated	Lock NORDIC	10 g
Metals	Steel	zinc plated	Welding-assembly to FHA2008-B1	3110 g
	Steel	zinc plated	Folderbox to FHA2008-B1	2020 g

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

*Variant parts list

	FH2001 A1	FH2001 E1	FH2001 G1	FH2002 A1	FH2003 A1	FH2004 A1	FH2005 A1
Total weight of device	5268 g	5520 g	5850 g	7193 g	11051 g	11367 g	17900 g
Isolation pad	----	166 g / 2pcs	332 g / 4pcs	----	----	----	----
Design foil to FCM	41 g	41 g	41 g	41 g	41 g	41 g	41 g
FCM2010-A1 support Operatint unit	----	----	----	----	----	----	----
FCM2011-A1 Support op. add-on	----	1025 g	1025 g	----	----	----	----
FCM2014-A1 Support op. add-on	1145 g	----	----	1145 g	1145 g	1145 g	1145 g
FHA2001-A1 Rear cpl (Eco)	3400 g	3400 g	3400 g	----	----	----	----
FHA2002-A1 Rear cpl (Standard)	----	----	----	5300 g	----	----	----
FHA2003-A1 Rear cpl (Comfort)	----	----	----	----	9150 g	----	----
FH2004-A1 Rear cpl (Large extension)	----	----	----	----	----	9500 g	----
FHA2005-A1 Rear cpl (Large)	----	----	----	----	----	----	16000 g
TS35 Hat mounting rail L175	----	----	----	----	55 g	----	55 g
TS35 Hat mounting rail L150	----	----	----	47 g	----	----	----
TS35 Hat mounting rail L70	22 g	22 g	22 g	----	----	22 g	----
Ribbon cable L=90	----	18 g	54 g / 3pcs	----	----	----	----
Ribbon cable L=650	----	----	40 g	----	----	----	----
Ribbon cable L=840	----	50 g	----	----	----	----	----
PCB cpl. FTO2002-A1 LED Ind.	----	138 g /2pcs	276 g /4pcs	----	----	----	----
FHA2009-C1 Plan comp. (A4)	----	----	----	----	----	----	----

*Variant parts list

	FH2006-A1	FH2007-A1
Total weight of device	7530 g	9430 g
Isolation pad	----	----
Design foil to FCM	----	----
FCM2010-A1 support Operatint unit	----	----
FCM2011-A1 Support op. add-on	----	----
FCM2014-A1 Support op. add-on	----	----
FHA2001-A1 Rear cpl (Eco)	3400 g	----
FHA2002-A1 Rear cpl (Standard)	----	5300 g
FHA2003-A1 Rear cpl (Comfort)	----	----
FH2004-A1 Rear cpl (Large extension)	----	----
FHA2005-A1 Rear cpl (Large)	----	----
TS35 Hat mounting rail L175	----	----
TS35 Hat mounting rail L150	----	----
TS35 Hat mounting rail L70	----	----
Ribbon cable L=90	----	----
Ribbon cable L=650	----	----
Ribbon cable L=840	----	----
PCB cpl. FTO2002-A1 LED Ind.	----	----
FHA2009-C1 Plan comp. (A4)	3470 g	3470 g

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.
- Very low energy consumption.

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Please contact your local Siemens branch office to get further information on environmental aspects and disposal.