



Environmental Product Declaration

Product	Type of equipment	Fire terminal		
	Designation	FT 2040 EZ / AZ / FZ / CZ / NZ / FX		
	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	46 kWh/a		
	Maintenance	not necessary		
Risk of fire	Fire load	36 MJ, FT 2040 EZ 33 MJ, FT 2040 AZ / FZ / NZ 37 MJ, FT 2040 / CZ 18 MJ, FT 2040 FX		
Packaging	20-PAP Corrugated fibre board	Operator unit	770 g	
	20-PAP Corrugated fibre board	Insert operator unit	315 g	
	20-PAP Corrugated fibre board	Insert cover	120 g	
	20-PAP Corrugated fibre board	Rear Eco	424 g	
	20-PAP Corrugated fibre board	Insert drilling gage	333 g	
	<u>FT2040-FZ / FX</u>	Polyester, polyethylene	Static shielding bag	26 g
		PU foam	Foam, 2 pcs	36 g
FT2040-FX	20-PAP Corrugated fibre board	Packing Power Supply	95 g	
	20-PAP Corrugated fibre board	19 box 6he KD 30B	230 g	
	20-PAP Corrugated fibre board	Packaging assembly	95 g	
	Notes on disposal	One-way, recyclable		

Materials				Total weight device	chart*
Plastics	ABS+PC	halogenated	FHA2011-A2 Cover cap	chart*	
	Q Silicone rubber		FCM2012-A1 Keypad (International)	chart*	
	Q Silicone rubber		FCM2013-F1 Keypad (France)	chart*	
	Q Silicone rubber		Isolation pad	chart*	
	Q Silicone rubber		Rubber Keypad to FTO2004-C1	chart*	
	Q Silicone rubber		Keypad to FTO2007-N1	chart*	
	PVC rigid		Flat cable mounting	3 g	
	polyester foil		Design foil	41 g	
	PA		Switching lever	chart*	
	PA6.6 10% GF		Lock nordic	chart*	
Metals	Steel	zinc plated	FCM2010-A1support Operatint unit	chart*	
	Steel	zinc plated	FCM2010-A1support Operation unit (printer)	chart*	
	Steel	zinc plated	Screws	28 g	
	CuZn	nickel plated	Spacer botts SW5,5/M3, 2 pcs.	4 g	
	Steel	Zn galv., Zincor	FHA2002-A1 Rear cpl (Eco)	chart*	
	Steel	zinc plated	TS35 Hat mounting rail L150	22 g	
	Brass	nickel plated	Kaba-cheese head type 8 (with accessories)	chart*	
	Steel	zinc plated	Lock carrier to Z3S200	chart*	
	Brass	nickel plated	Aufsteckrosette KABA-ZYLINDER SM 22M	chart*	
	Brass		Key nordic	chart*	
	Steel	zinc plated	TS35 Hat mounting rail L70	chart*	
	ALU EN AW-AMg1		Housing base to FP2001-A1 Power Sup. 70W	chart*	
	ALU EN AW-AMg1		Housing cover to FP2001-A1 Power Sup.70W	chart*	
	Others	PBT GF, Be/Cu, PVC		34 pitch Ribbon cable	20 g
PBT GF, Be/Cu, PVC			20 pitch Ribbon cable	chart*	
PCB assembled	FR4	TBBA	SnAgCu FCM2004-A1 PMI- & Mainboard	312 g	
	FR4	TBBA	SnAgCu PCB cpl. FTO2002-A1 LED Ind. (internal)	chart*	
	FR4	TBBA	SnAgCu FTI2001-A1 Fire terminal board	55 g	
	FR4	TBBA	SnAgCu Processorboard	18 g	
	FR4	TBBA	SnAgCu PCB ass. FTO2007-N1 EVAC-NL Operat. unit	chart*	
	FR4	TBBA	SnAgCu FCI2002-A1 Periphery board (2-loop)	chart*	
	FR4	TBBA	SnAgCu PCB-Ass. to FP2001-A1 Power sup. (70W)	chart*	
	FR4	TBBA	SnAgCu PCB cpl. FTO2004-C1 FBA terminal	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**

	FT2040 EZ	FT2040 AZ	FT2040 FZ	FT2040 CZ	FT2040 NZ	FT2040 FX
Total weight of device	5887 g	5767 g	5767 g	5900 g	5939 g	2458 g
FHA2011-A2 Cover cap	645 g	645 g	645 g	645 g	645 g	----
FCM2010-A1support Operatint unit	942 g	----	----	942 g	942 g	----
FCM2010-A1support Operation unit (printer)	----	977 g	977 g	----	----	977 g
FCM2012-A1 Keypad (International)	239 g	239 g	----	239 g	239 g	----
FCM2013-F1 Keypad (France)	----	----	239 g	----	----	239 g
Keypad to FTO2007-N1	----	----	----	----	95 g	----
Isolation Pad	83 g	----	----	----	----	----
20 pitch Ribbon cable	3 g	----	----	3 g	3 g	----
PCB cpl FTO2002-A1 LED Ind.	69 g	----	----	----	----	----
FHA2002-A1 Rear cpl (Eco)	3400 g	3400 g	3400 g	3400 g	3400 g	----
TS35 Hat mounting rail L70	22 g	22 g	22 g	22 g	22 g	----
Rubber Keypad to FTO2004-C1	----	----	----	60 g	----	----
Kaba-cheese head type 8 (with accessories)	----	----	----	70 g	----	----
Switching lever	----	----	----	3 g	3 g	----
Lock carrier to Z3S200	----	----	----	3 g	3 g	----
Aufsteckrosette KABA-ZYLINDER SM 22M	----	----	----	3 g	3 g	----
PCB ass. FTO2007-N1 EVAC-NL Operat. unit	----	----	----	----	70 g	----
Lock nordic	----	----	----	----	7 g	----
Key nordic	----	----	----	----	30 g	----
FCI2002-A1 Periphery board (2-loop)	----	----	----	----	----	197 g
PCB-Ass. to FP2001-A1 Power sup. (70W)	----	----	----	----	----	239 g
Housing base to FP2001-A1 Power Sup. 70W	----	----	----	----	----	209 g
Housing cover to FP2001-A1 Power Sup.70W	----	----	----	----	----	120 g
PCB cpl. FTO2004-C1 FBA terminal	----	----	----	47 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.

Terminal block, PA	on Fire terminal board	3 pcs.	(26 g)
Capacitors > 12 cm ³	on PCB-Ass. to FP2001-A1 Power sup. (70 W)	2 pcs.	(20 g)
Terminal block, PA	on PCB-Ass. to FP2001-A1 Power sup. (70 W)		(26 g)
CB Angle, aluminium	on PCB-Ass. to FP2001-A1 Power sup. (70 W)		(12 g)
Transformer	on PCB-Ass. to FP2001-A1 Power sup. (70 W)		(40 g)
Choke	on PCB-Ass. to FP2001-A1 Power sup. (70 W)		(25 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

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.

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.