



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	<b>Fire control panel</b>	
	Designation	<b>FC721-HZ</b>	
	Product line	<b>FS20 / Cerberus</b>	
<b>Process control</b>	Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	<b>06.12.2002</b>	<b>Gerling Cert/Deloitte</b>
	ISO 9001 (quality)	<b>06.11.1989</b>	<b>SQS/VdS</b>
<b>Environmentally compatible product design</b>	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".		
<b>Product use</b>	Typical energy consumption per year	<b>142 kWh/a</b>	
	Maintenance	<b>Not necessary</b>	
<b>Risk of fire</b>	Fire load	<b>44 MJ</b>	
<b>Packaging</b>	20-PAP Corrugated fibre board	<b>Operator unit</b>	<b>370 g</b>
	20-PAP Corrugated fibre board	<b>Insert operator unit</b>	<b>240 g</b>
	20-PAP Corrugated fibre board	<b>Insert cover</b>	<b>123 g</b>
	20-PAP Corrugated fibre board	<b>Rear Eco</b>	<b>403 g</b>
	20-PAP Corrugated fibre board	<b>Insert drilling gage 1HU</b>	<b>256 g</b>
	Polyester, Aluminium, Polyethylene	<b>Static shielding bag</b>	<b>26 g</b>
	PE	<b>Plastic bags</b>	<b>50 g</b>
	Notes on disposal	<b>One-way, recyclable</b>	

<b>Materials</b>				Total weight of device	<b>6917 g</b>
Plastics	ABS+PC	halogenated	FHA7201-A1 Cover cap (Cerberus)	<b>674 g</b>	
	Q Silicone rubber		FCM2012-A1 Keypad (International)	<b>239 g</b>	
	Q Silicone rubber		Keypad to FTO2007-N1	<b>95 g</b>	
	PVC rigid		Flat cable mounting	<b>3 g</b>	
	Polyester foil		Design foil	<b>41 g</b>	
	PA		Cover plate orange (TS35)	<b>4 g</b>	
	<hr/>				
Metals	Steel	Zn galv., Zincor	FHA2001-A1 Rear cpl (Eco)	<b>3550 g</b>	
	Steel	zinc plated	FCM2010-A1 Support operation unit	<b>942 g</b>	
	Steel	zinc plated	Screws	<b>34 g</b>	
	CuZn	Nickel plated	Spacer bolts SW5,5/M3, 2pcs	<b>4 g</b>	
	Steel	zinc plated	TS35 Hat mounting rail L70	<b>22 g</b>	
	Aluminum	raw	Housing base to Power Sup. 70W	<b>209 g</b>	
	Aluminum	raw	Housing cover to Power Sup. 70W	<b>120 g</b>	
	<hr/>				
Others	PBT GF, Be/Cu, PVC		34 pitch Ribbon cable	<b>20 g</b>	
	PBT GF, Be/Cu, PVC		20 pitch Ribbon cable	<b>3 g</b>	
	PA6.6, Cu, CrNi		Final cramp	<b>8 g</b>	
	PA, PBT, PVC, Cu-Alloy, Zn		Cable-kit to 1HU, 70W	<b>88 g</b>	
	PA6.6, Cu, CrNi		Disconnection terminal 2,5 MM2 (TS35) 3L	<b>13 g</b>	
	PA6.6, Cu, CrNi		Terminal 2,5 MM2 (TS35)	<b>8 g</b>	
	PA6.6, Cu, CrNi		Protective terminal 2,5 MM2 (TS35) 3	<b>11 g</b>	
<hr/>					
PCB assembled	FR4	TBBA	SnAgCu	FCM2004-A1 PMI- & Mainboard	<b>312 g</b>
	FR4	TBBA	SnAgCu	FCI2010-A1 Periphery board (1-loop)	<b>190 g</b>
	FR4	TBBA	SnAgCu	Processorboard	<b>18 g</b>
	FR4	TBBA	SnAgCu	PCB ass. to FTO2007-N1 EVAC-NL Op. unit	<b>70 g</b>
	FR4	TBBA	SnAgCu	PCB-Ass. to FP2001-A1 Power sup. (70W)	<b>239 g</b>

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)	<b>(20 g)</b>
terminal block, PA	PCB-Ass. to FP2001-A1 Power sup. (70 W)	<b>(26 g)</b>
CB Angle, aluminium	PCB-Ass. to FP2001-A1 Power sup. (70 W)	<b>(12 g)</b>
transformer	PCB-Ass. to FP2001-A1 Power sup. (70 W)	<b>(40 g)</b>
choke	PCB-Ass. to FP2001-A1 Power sup. (70 W)	<b>(25 g)</b>

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

## 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.