



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	<b>Fire control panel</b>	
	Designation	<b>FC2040 BB</b>	
	Product line	<b>FS20</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>285 kWh/a</b>	
	Maintenance	<b>Not necessary</b>	
<b>Risk of fire</b>	Fire load	<b>55 MJ</b>	
<b>Packaging</b>	20-PAP Corrugated fiber board, 2 pcs	<b>Packaging operator unit</b>	<b>740 g</b>
	20-PAP Corrugated fiber board, 2 pcs	<b>Packaging insert op. unit</b>	<b>480 g</b>
	20-PAP Corrugated fiber board, 2 pcs	<b>Packaging insert cover</b>	<b>246 g</b>
	20-PAP Corrugated fiber board	<b>Packaging Rear Large</b>	<b>1270 g</b>
	Polyester, polyethylene	<b>Static shielding bag 76x127</b>	<b>3 g</b>
	Polyester, polyethylene	<b>Static shielding bag</b>	<b>26 g</b>
	PE	<b>Plastic bags</b>	<b>80 g</b>
	Notes on disposal	<b>One-way, recyclable</b>	

<b>Materials</b>		Total weight of device	<b>22873g</b>
Plastics	ABS+PC, halogenated	FHA2011-A2 Cover cap	<b>645 g</b>
	Q Silicon rubber	FCM2012-A1 Keypad	<b>239 g</b>
	PVC rigid	Flat cable mounting	<b>6 g</b>
	Polyester foil, 2 pcs	Design foil to FCM	<b>41 g</b>
	Plastic	Accessories	<b>62 g</b>
	PA	Cover plate orange (TS35)	<b>4 g</b>
	PA	Switching lever	<b>3 g</b>
Metals	Steel, Zn galvanized, powder-coated	FHA2003-A1 Rear cpl (Large)	<b>11850g</b>
	Steel, zinc plated	FCM2009-A1 support op. unit	<b>977 g</b>
	Steel, zinc plated	FHA2019-A Mounting plate (CC)	<b>1590 g</b>
	Steel, zinc plated	TS35 Hat mounting rails	<b>286 g</b>
	Steel, zinc plated	Screws	<b>83 g</b>
	CuZn, nickel plated	Spacer bolts	<b>4 g</b>
	Steel, zinc plated	FHA2008 Plan compartment (A3)	<b>4860 g</b>
	Stainless steel	Fasting angle Supply 150W	<b>25 g</b>
	Steel, zinc plated	Accessories	<b>50 g</b>
	Others	PA, PBT, PVD, Cu-Alloy, Zn	SV 24V-150W Power Supply
PA6.6, Cu, CrNi, 4 pcs		Cable-kit to 2HU, 150W	<b>151 g</b>
PBT GF, Be/Cu, PVC		Connection terminals (TS35)	<b>32 g</b>
PA6.6, Cu, CrNi, 3 pcs		34.pol Cable	<b>37 g</b>
PVC, Cu		Final cramp	<b>8 g</b>
PVC, Cu		Control wire LIYY	<b>10 g</b>
AgNi contacts		Strands	<b>40 g</b>
PC-F, CuZn37		Relay module Z3B171	<b>40 g</b>
		Power socket (EURO) 6.3A TS35	<b>92 g</b>
PCB assembled		FR4, TBBA, SnAgCu	FCM2004-A1 PMI- & Mainboard
	FR4, TBBA, SnAgCu	FCI2004-A1 Periphery board (4-Loop)	<b>300 g</b>
	FR4, TBBA, SnAgCu	Processorboard	<b>18 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 > 12cm<sup>3</sup>, 2pcs

On PCB-Ass. To FP2001-A1 (40 g)  
Power sup. (150W)

Terminal block, PA 6.6/PBT / St.

On periphery board (27 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

### 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.

#### 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.