



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	FG2020-DZ S54400-S132-A1		
	Designation	Gateway		
	Product line, Product range	FS20		
<b>Process control</b>	Siemens Schweiz AG Theilerstrasse 1a CH - 6300 Zug			
	Management System	since	by	
	ISO 9001 (Quality)	22-July-1986	SQS	
	ISO 14001 (Environment)	20-October-1998	SQS	
	OHSAS 18001 (OH&S)	01-January-2011	SQS	
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, 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 with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".			
<b>Product use</b>	Typical energy consumption	175.200kWh/a		
	Maintenance	Not necessary		
<b>Packaging</b>	20-PAP Corrugated fibreboard	Packaging housing	1'790g	
	20-PAP Corrugated fibreboard	Folding box	27g	
	20-PAP Corrugated fibreboard	package Operation add-ons	770g	
	Polyester, Polyethylene	Plastic packaging	100g	
	Polyester, Aluminium, Polyethylene	Static shielding bag	2g	
	Polyester, Polyethylene	Plastic bags	14g	
	Foam	Foam	6g	
	Notes on disposal	One-way, recyclable		
<b>Materials</b>	Total weight of device	20'229g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	PES	Design foils to FCM2005	90g	
	ABS+PC	Cover caps	1'280g	
	PVC rigid; halogenated	Flat cable mountings	11g	
	PA	Nylon plugs	8g	
	EPDM	Pole protective caps	27g	
	CR	Edge protection (accessories-kit)	48g	
	PVC soft; halogenated	Edge protection profile	5g	
	Metals	Steel; Zn galvanized, power-coated	FHA2005-A1 Rear cpl (Large)	11'820g
Steel; zinc plated		Mounting plate	1'600g	
Cu		Neutral busbar	26g	
Steel; zinc plated		Shielding plate	605g	
Steel; zinc plated		TS35 Hat mounting rails	264g	
Steel; zinc plated		Screws and bolts	98g	
	Steel; zinc plated	Supports to FCM2005	2'180g	

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Others	Steel; zinc plated	Shielding caps	275g
	Steel stainless	Housing, Mounting foot FP2017-A1	166g
	Al; zinc plated	Housing lowerpart FP2017-A1	180g
	Connectors and cables	External electric cables / wires FP2017-A1	162g
	PA, PBT, PVC, Cu-Alloy, Zn	Cable kits	150g
	PA6.6, Cu, CrNi	Dicconnection terminals 2.5mm2	13g
	PA	Cover plate orange (TS35)	4g
	PA6.6, Cu, CrNi	Terminal 2.5mm2	8g
	PBT GF, Be/Cu, PVC	Ribbon cable	35g
	PA6.6, Cu, CrNi	Protective terminal 2.5mm2	8g
PCBAs (Printed Circuit Board assembled)	PA6.6, Cu, CrNi	Final cramp	8g
	PVC, Cu	Control wire LIYY	10g
	FR4; TBBA; solder SnAgCu	FCA2006-A1 Connection mod. (card cage)	15g
	FR4; TBBA; solder SnAgCu	PCB ass. to Card cage (CPU) FCC2003	384g
	FR4; TBBA; solder SnAgCu	PCB progr. FCC2004-A1 CPU card (FC2080)	168g
	FR4; TBBA; solder SnAgCu	Communication card	168g
	FR4; TBBA; solder SnAgCu	PCBs FP2017-A1	413g

**Disposal**



The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to [www.siemens.com/bt/disposal](http://www.siemens.com/bt/disposal).

For country-specific requirements regarding further disposal information:  
<http://www.siemens.com/download?A6V13734633>

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

**Regulation (EC) No. 1907/2006 (REACH)**

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

The device is low-halogen with exception of:

PCB (TBBA); PVC ribboncable, PVC cable; Flat cable mounting; Edge protection profile

**Legal Disclaimer: This declaration is for information purpose 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 Schweiz AG 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.