



## Environmental Product Declaration

<b>Product</b>	Type of equipment /	RDF800KN/NF	FCU with KNX room thermostat
	Product No.	RDD810KN/NF	Heating with KNX room thermostat
		RDF800KN	FCU with KNX room thermostat
	Product line	RAC	
<b>Process control</b>	Siemens Switzerland Ltd		
	Gubelstrasse 22		
	Zug 6300		
	Switzerland		
	Management System	since	by
ISO 9001 (Quality)	01.06.2012	LPCB	
ISO 14001 (Environment)	01.05.2005	SGS	
OHSAS 18001 (OH&S)	01.12.2011	SGS	
<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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
<b>Product use</b>	Typical energy consumption	20kWh/a	
	Maintenance	Not necessary	
		On notice	
<b>Risk of fire</b>	Fire protection according to	EN 60730	
	Fire load	2MJ	
<b>Packaging</b>	kraft Liner board	GIFT BOX	45g
	kraft Liner board	GIFT BOX INSERT	25g
	kraft Liner board	CARTONBOARD	80g
	kraft Liner board	CARTON BOX	500g
	Woodfree paper	RDF800KN manual	17g
	Paper corner	PAPER CORNER A(	140g
	Paper corner	PAPER CORNER B	145g
	kraft Liner board	COVER	180g
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
<b>Plastics</b>	PC; Free data entry; halogen-free	Front housing	8g
	PC; Free data entry; halogen-free	Adaptor Plate	variant
	PC; Free data entry; halogen-free	Isolation Plate	5g
	PC; Free data entry; halogen-free	Back Cabinet	13g
	PC; Free data entry; halogen-free	Adaptor Plate	variant

Metals	1022 carbon steel; nickel	SCREW 2.3X4	
	Steel; nickel plated	SCREW M4X23	variant
	Steel; nickel plated	Mounting Screw M3.6*25	variant
	Steel; nickel plated	SCREW 3X25	variant
Others	G6DS-1A,Miniature Relay with 1-pole 5-A	Relay	variant
	PE014012 DC12 SPDT Relay	Relay	variant
	UL1569#22,PVC	Cable	variant
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnCuNi	PCB FR4, 4Layer, 1.2mm thk	20g
	FR4; halogenated; solder SnAgCu	PCB FR4, 2Layer, 1.2mm thk	5g
	FR4; halogenated; solder SnCuNi	PCB FR4, 2layer, 1.2mm thk	variant
	FR4; halogenated; solder SnCuNi	PCB FR4, 2layer, 1.2mm thk	variant

**\*Variant parts list**

	RDF800KN/NF		
[g]			
Total weight of device	71		
PC; Free data entry; halogen-fr	17		
PC; Free data entry; halogen-fr			
Steel; nickel plated	0		
Steel; nickel plated	2		
Steel; nickel plated			
G6DS-1A,Miniature Relay with 1-p	0		
PE014012 DC12 SPDT Relay			
UL1569#22,PVC	0		
FR4; halogenated; solder SnCuNi	4		
FR4; halogenated; solder SnCuNi			

**Disposal**

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

**Comments**

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

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

**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 according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

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

**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 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.